

REACHING DRAWDOWN

CLIMATE SOLUTIONS FOR THE NEW DECADE



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Director of Drawdown Learn
@Project Drawdown
drawdown.org

**WHAT COMES TO MIND WHEN YOU
THINK OF CLIMATE CHANGE AND
GLOBAL WARMING?**

44%

OUTCOMES

18%

CAUSES

3%

SOLUTIONS



PROJECT DRAWDOWN®

The World's Leading Resource for Climate Solutions

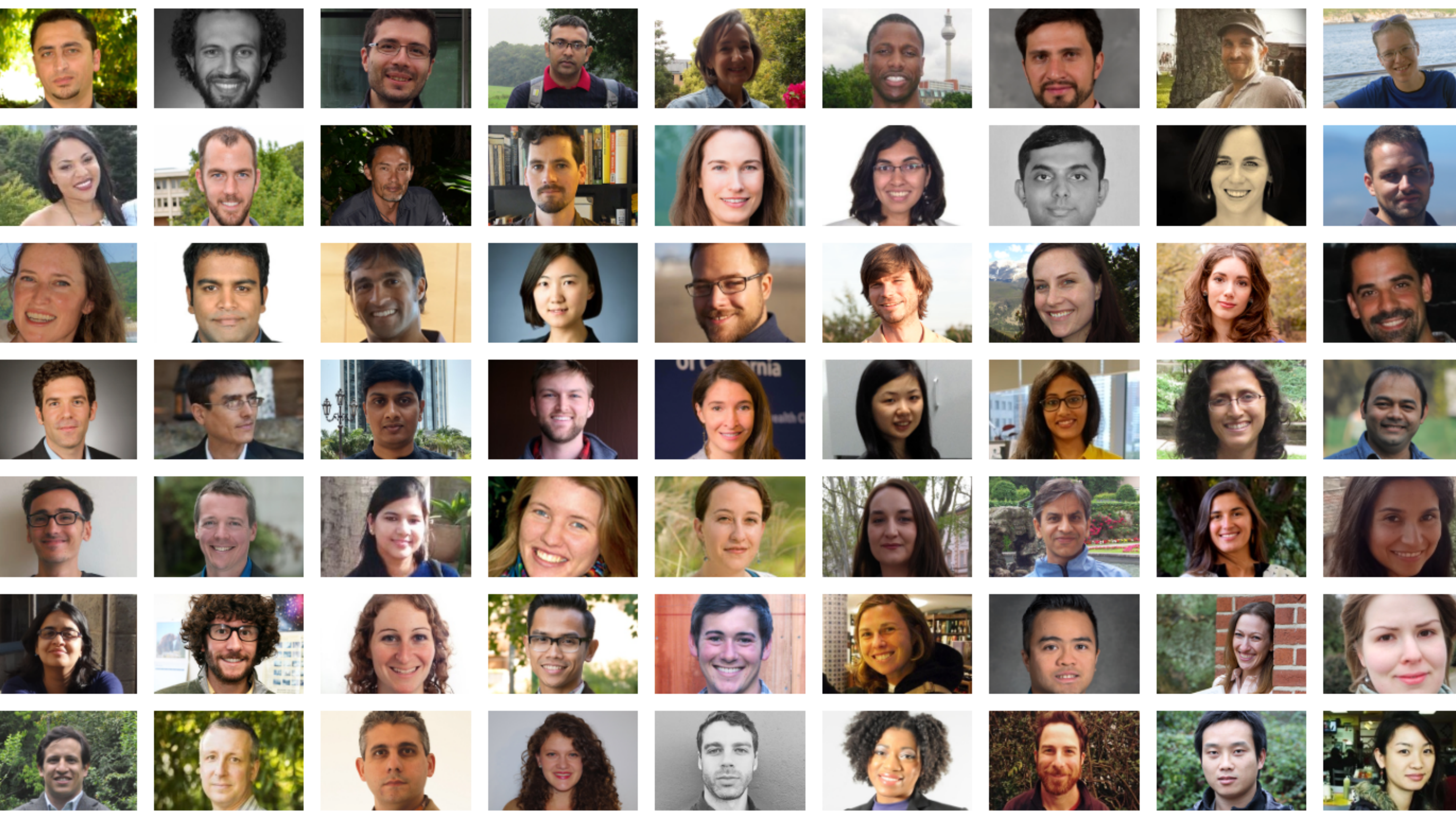
DRAWDOWN
2020

THE LATEST **CLIMATE SOLUTIONS** RESEARCH + INSIGHTS

THE
**Drawdown
Review**

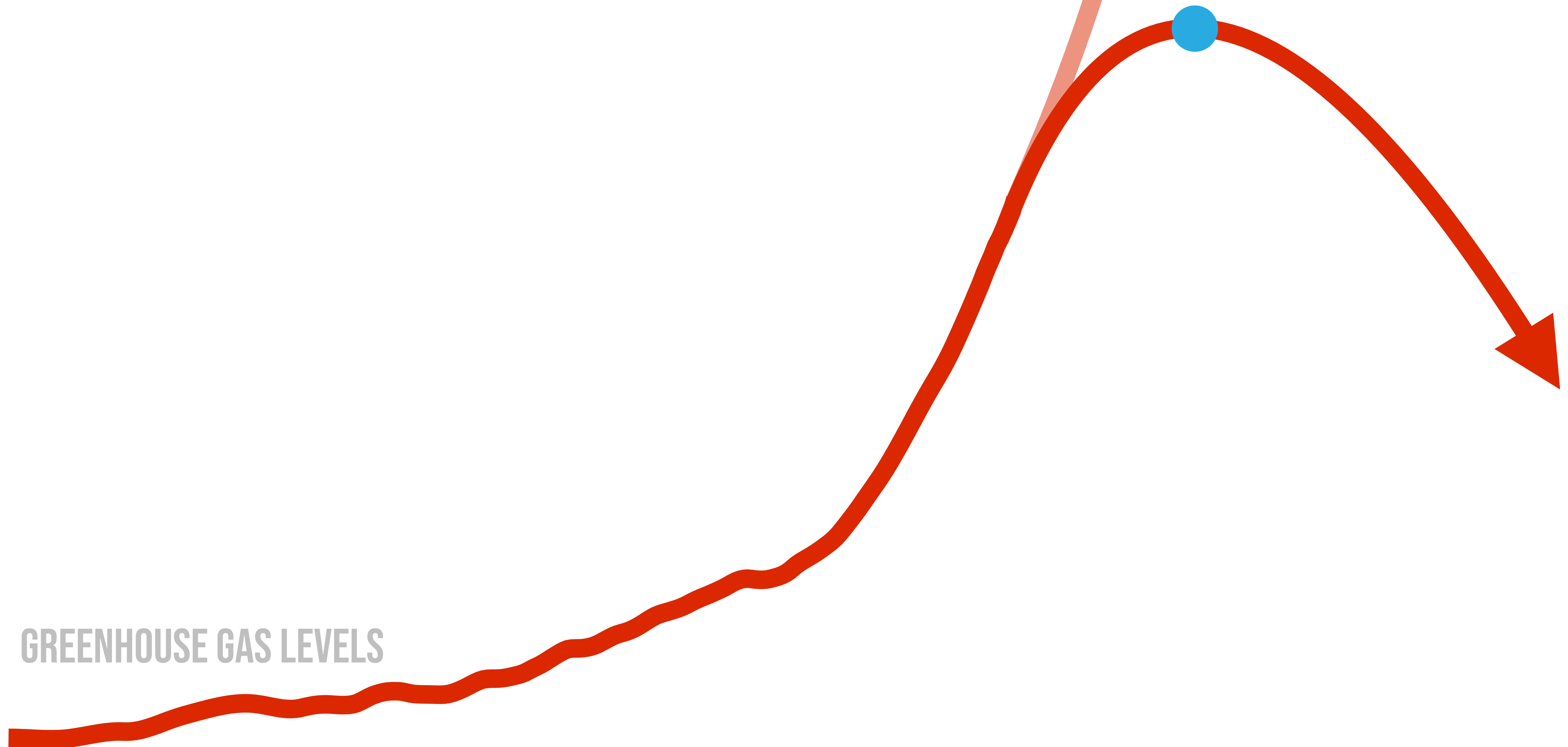
Climate Solutions for a New Decade





WHAT IS DRAWDOWN?

MOMENT OF **DRAWDOWN**



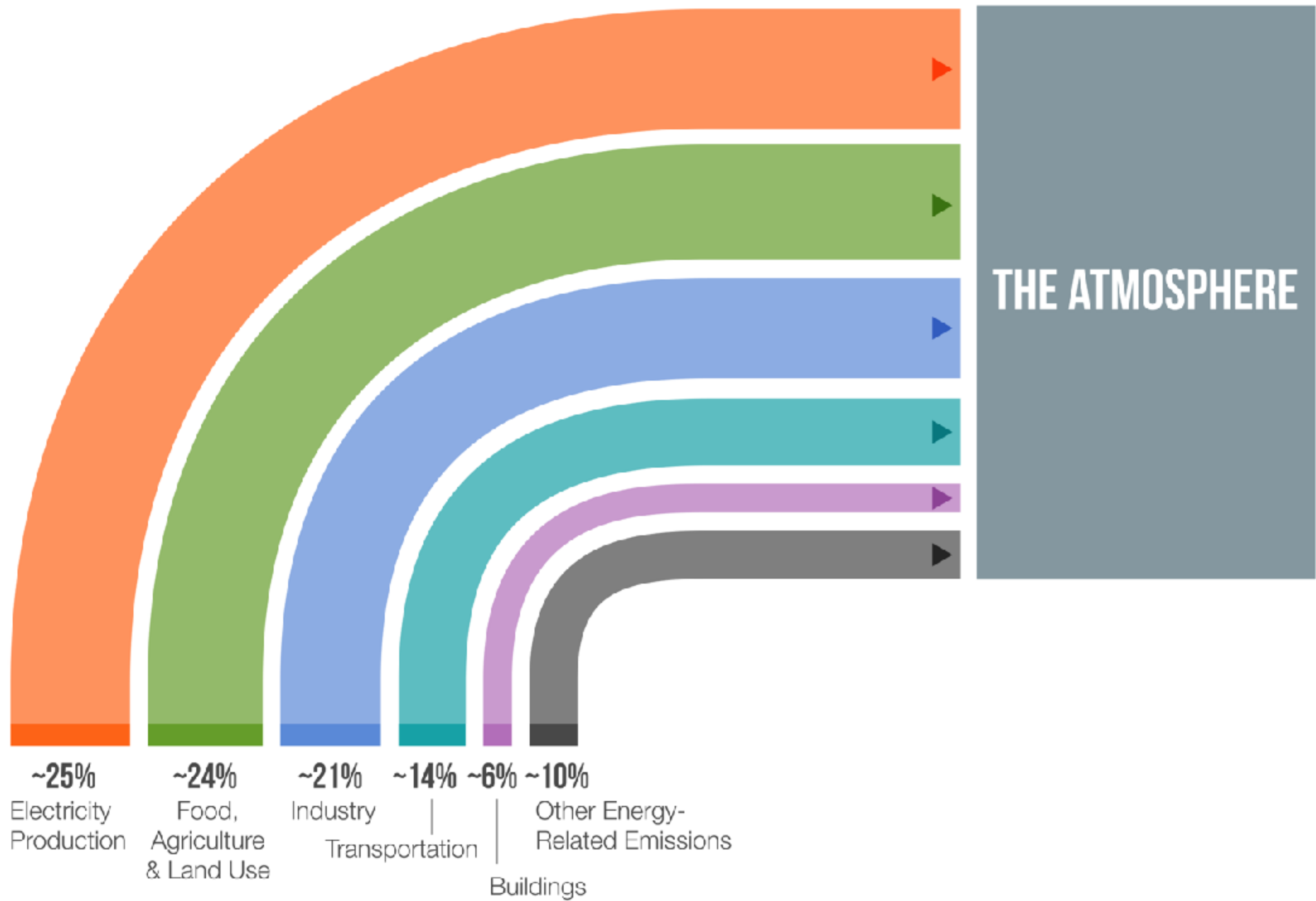
HOW DO WE ACHIEVE DRAWDOWN?

EMISSIONS SOURCES & NATURAL SINKS



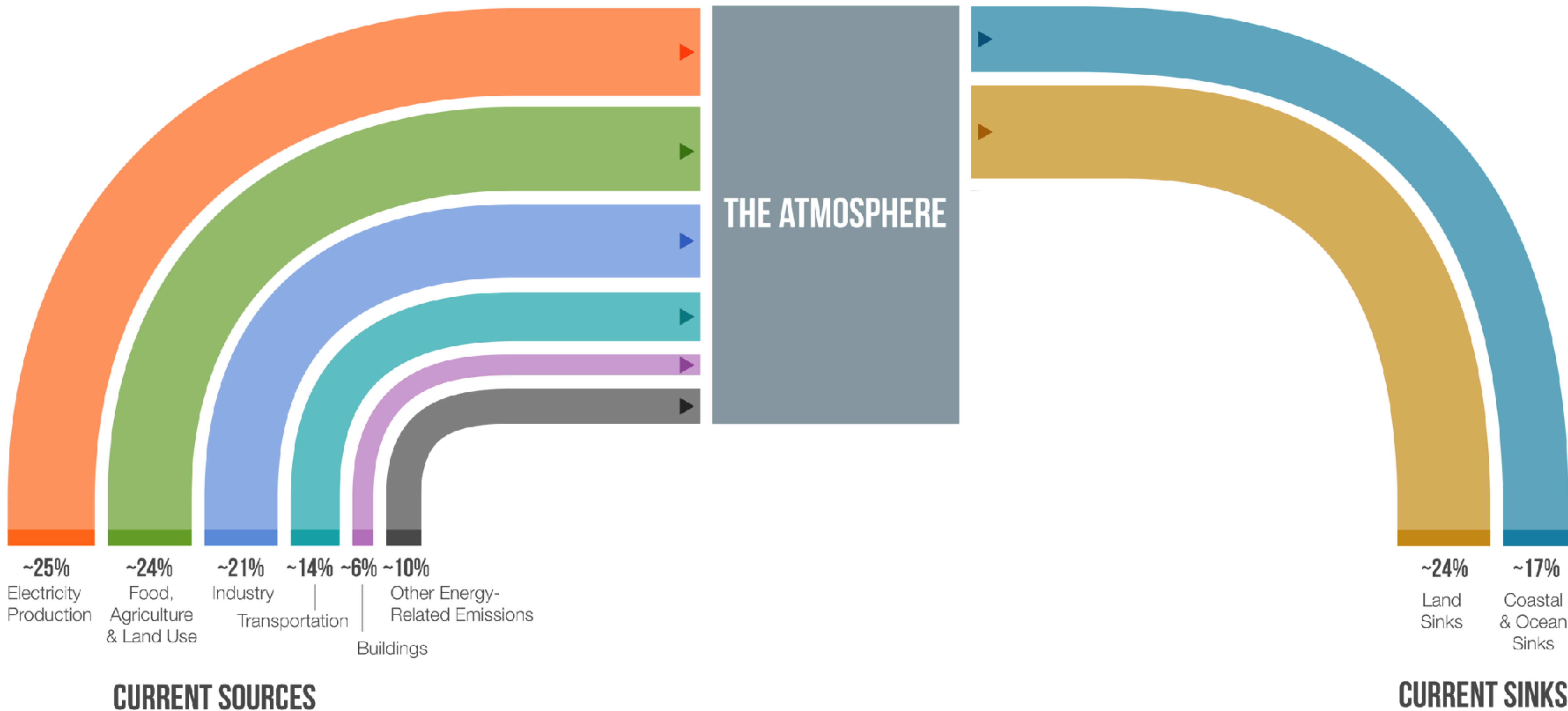
THE ATMOSPHERE

EMISSIONS SOURCES & NATURAL SINKS

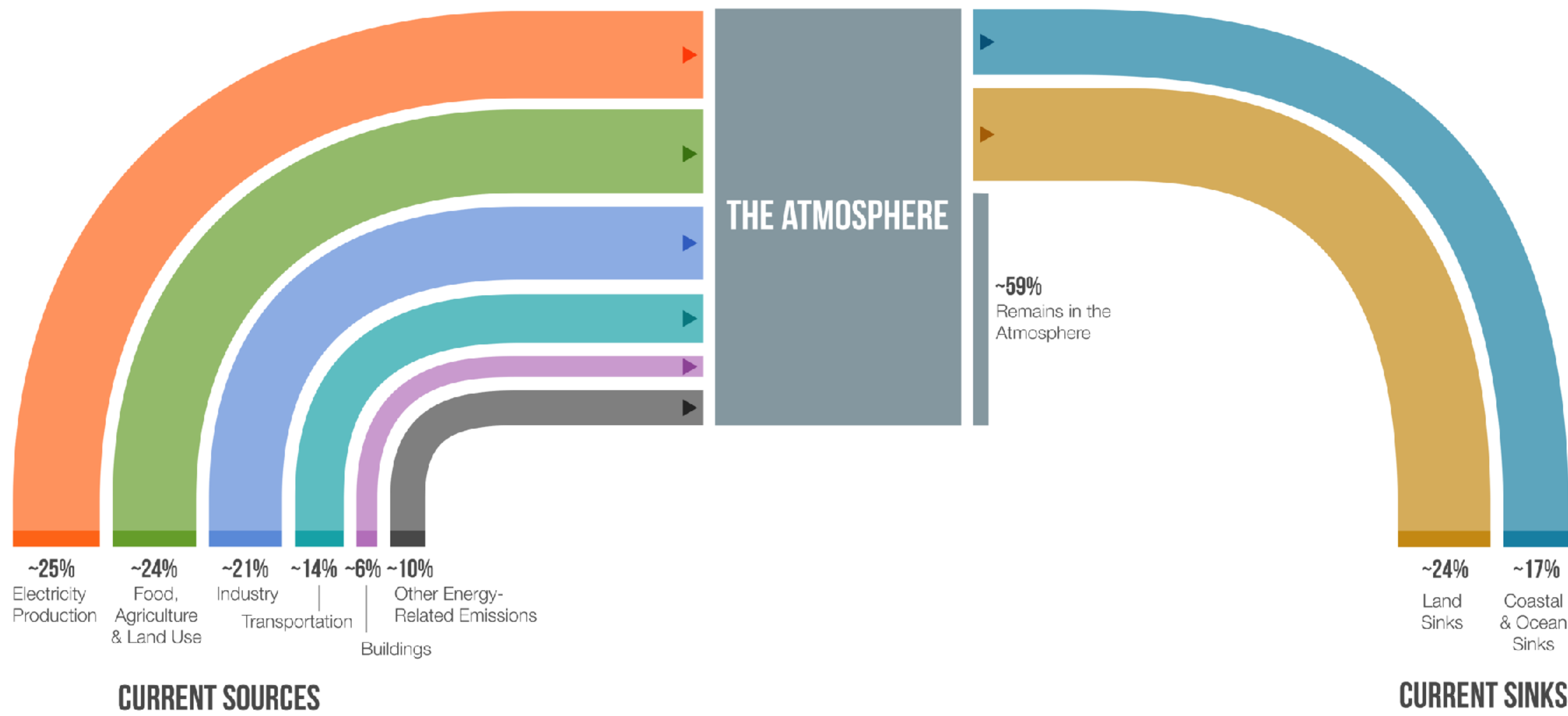


CURRENT SOURCES

EMISSIONS SOURCES & NATURAL SINKS

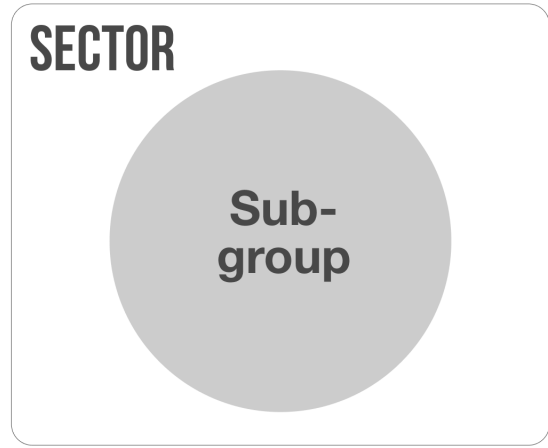


EMISSIONS SOURCES & NATURAL SINKS

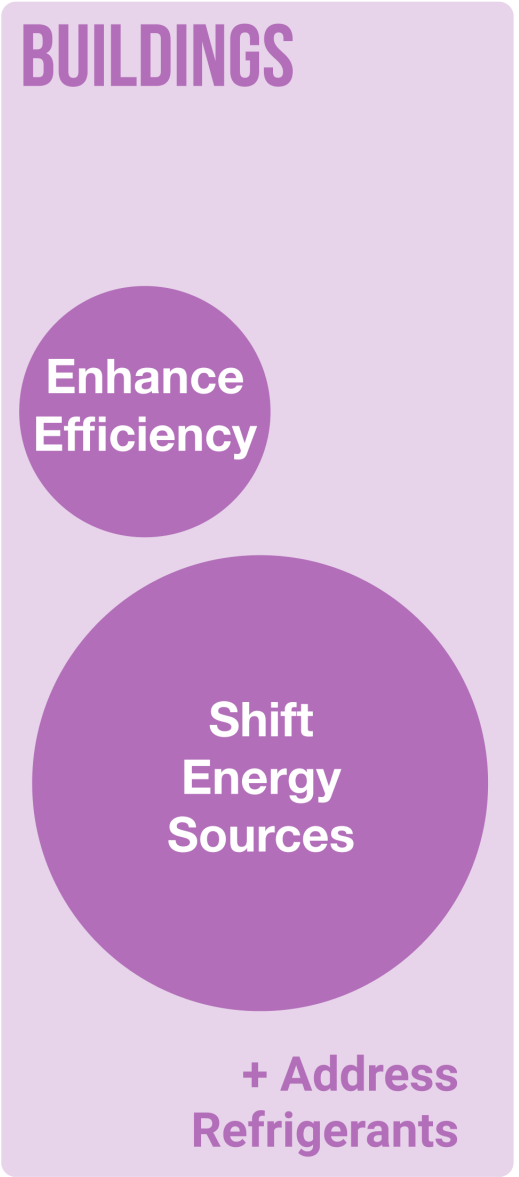
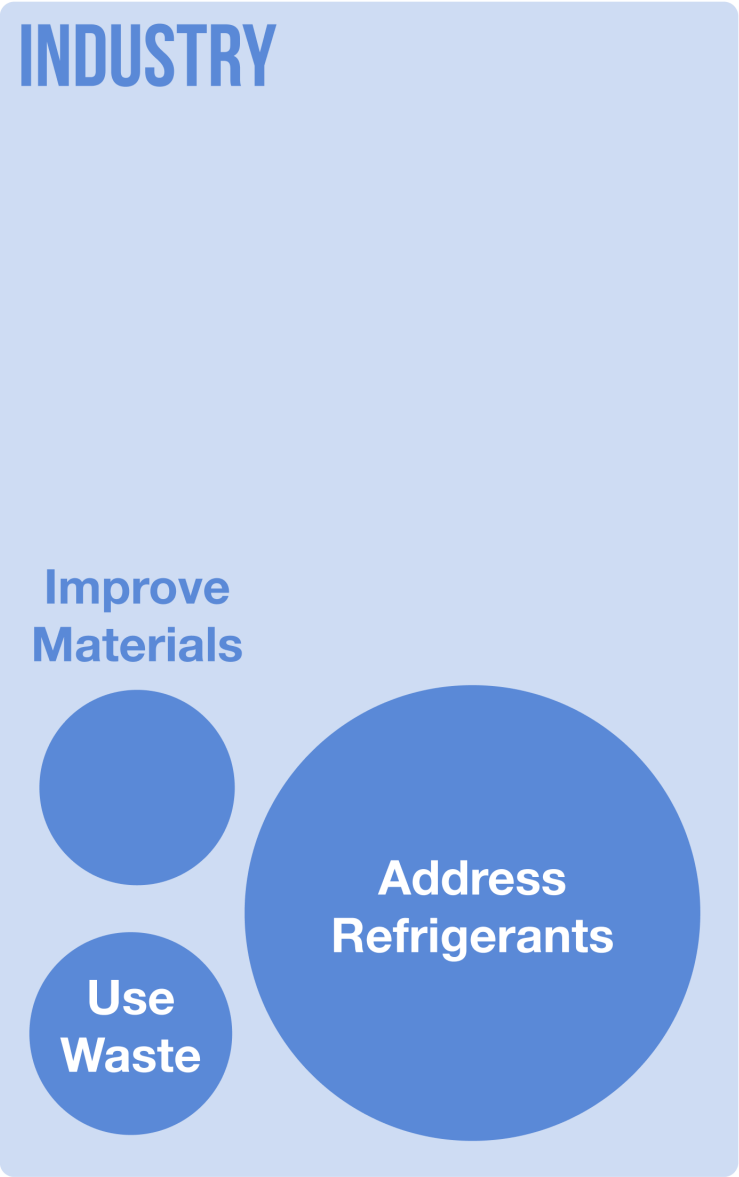
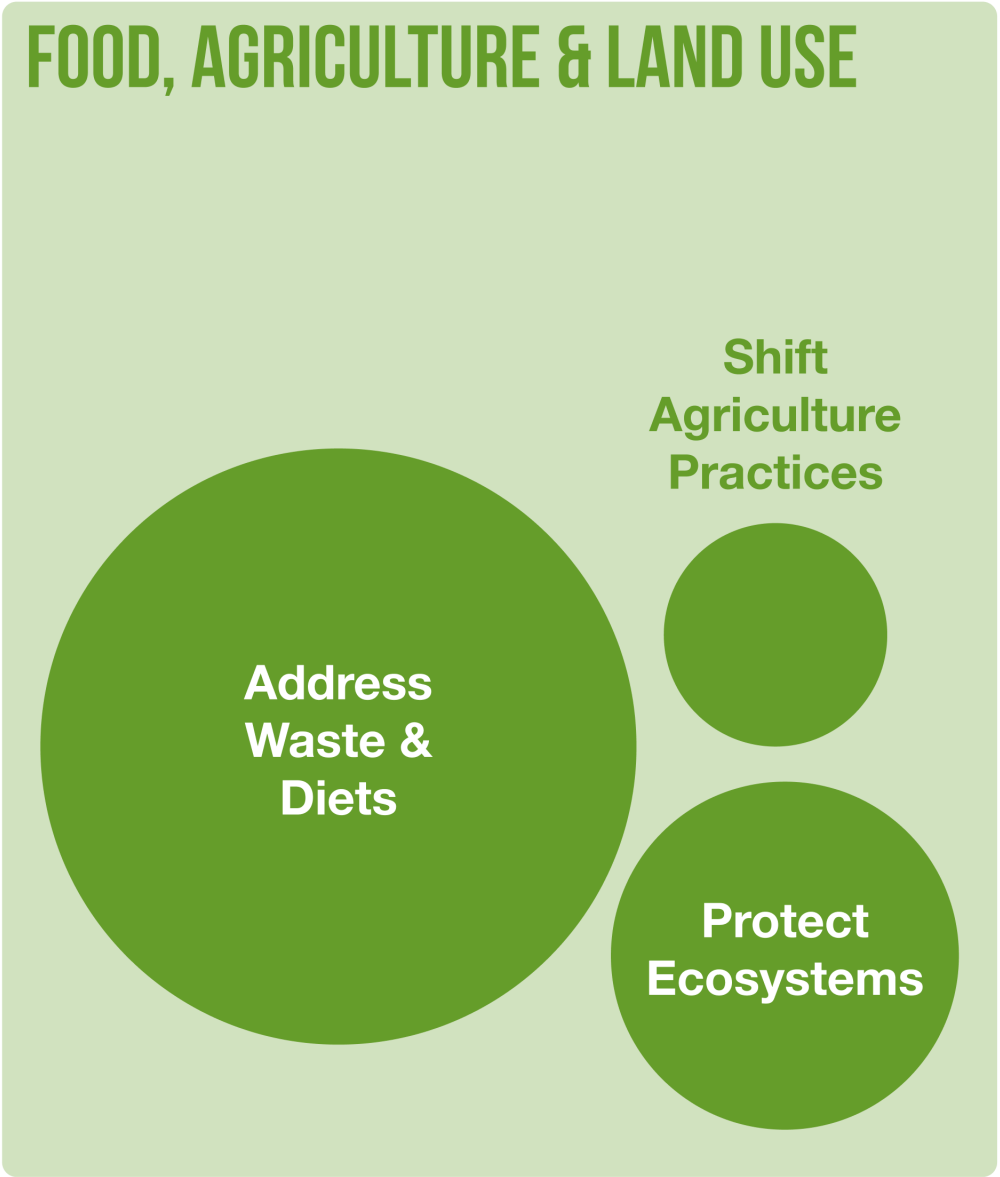
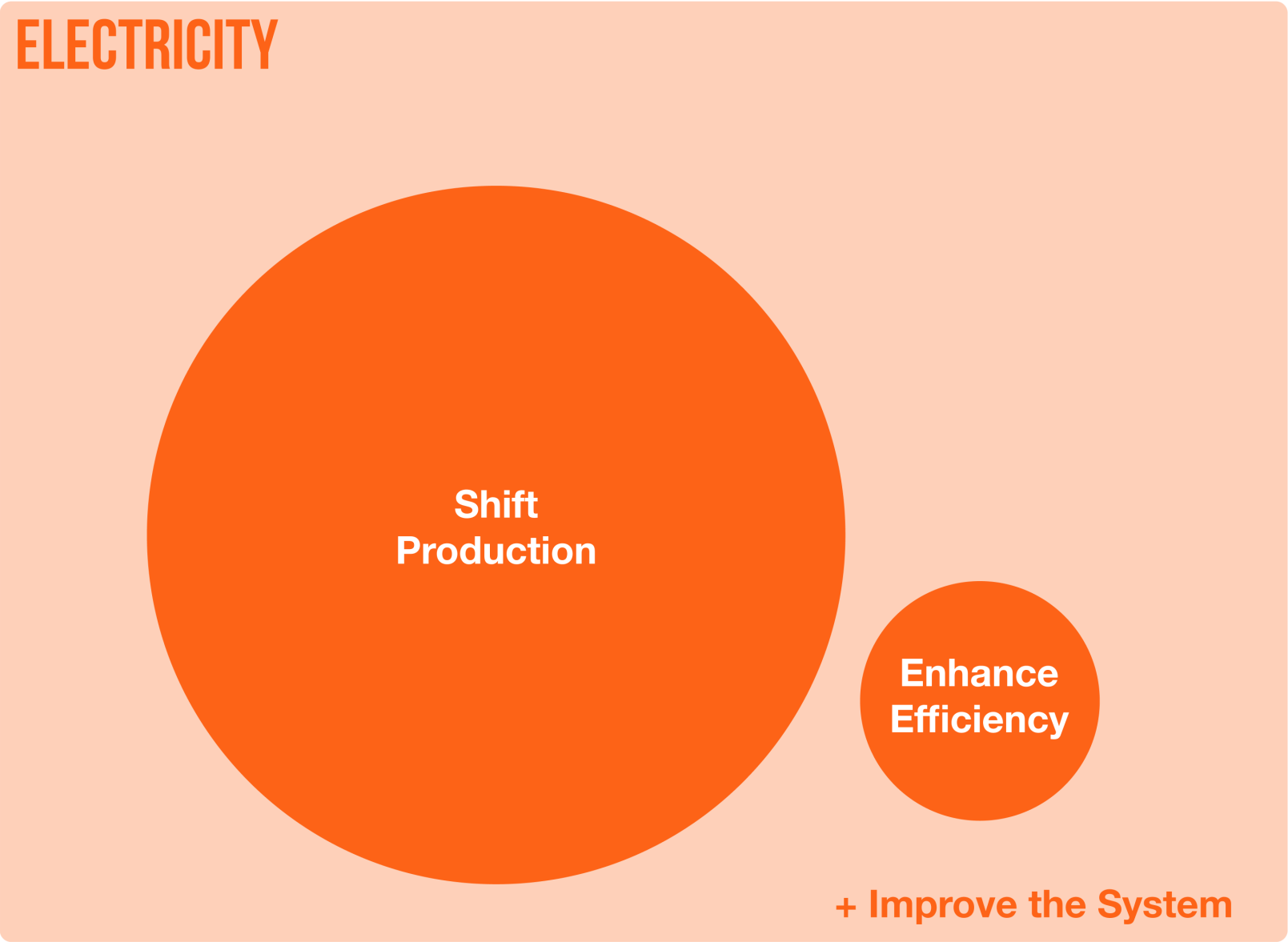


DRAWDOWN FRAMEWORK FOR CLIMATE SOLUTIONS

How to Read It
Size represents
maximum potential
emissions reductions
(CO₂-eq (Gt)) 2020-2050



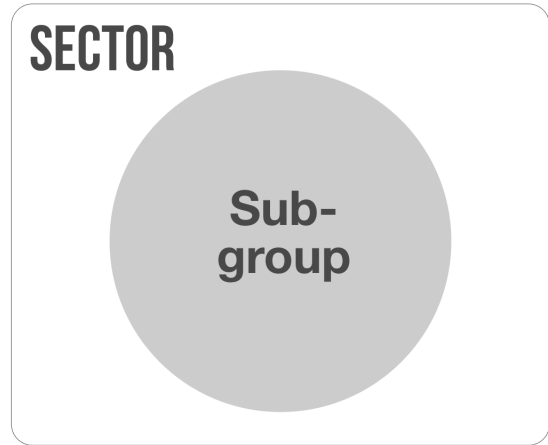
1. REDUCE SOURCES



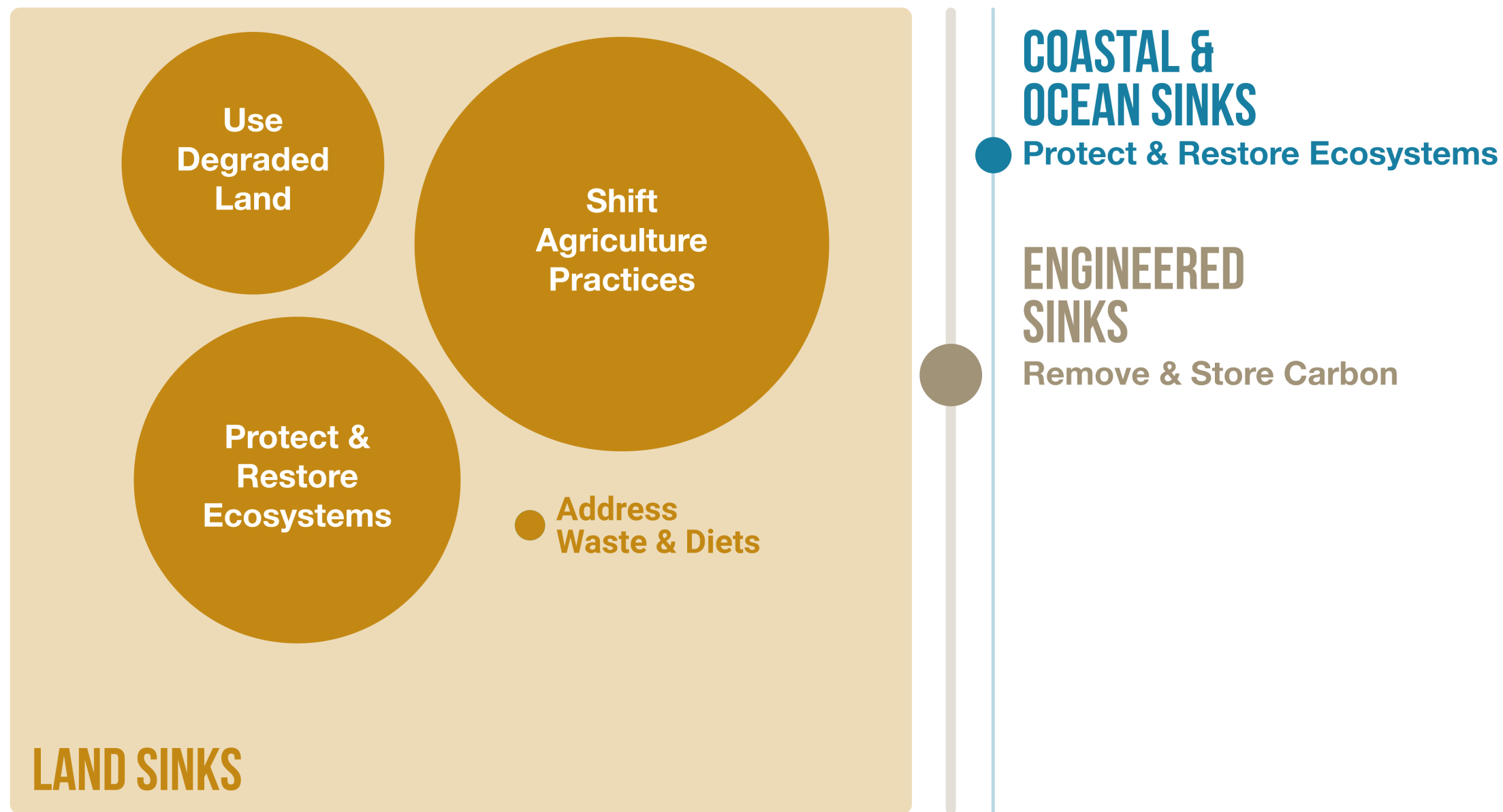
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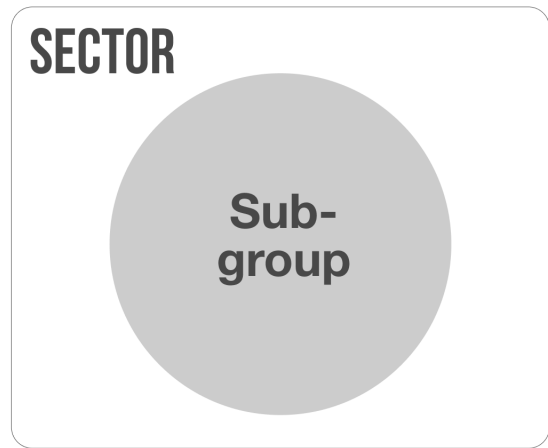
2. SUPPORT SINKS



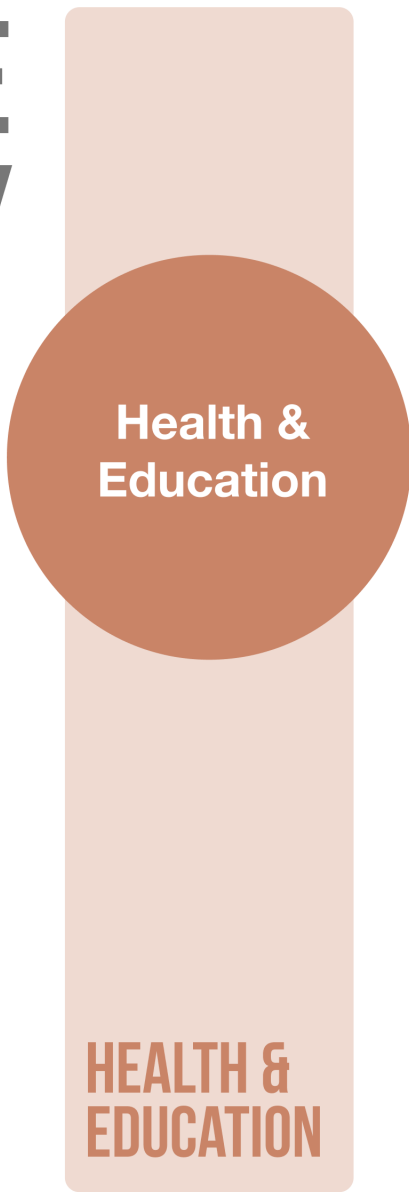
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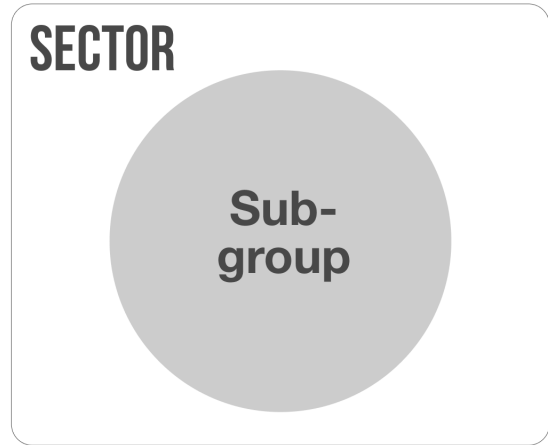


3. IMPROVE SOCIETY

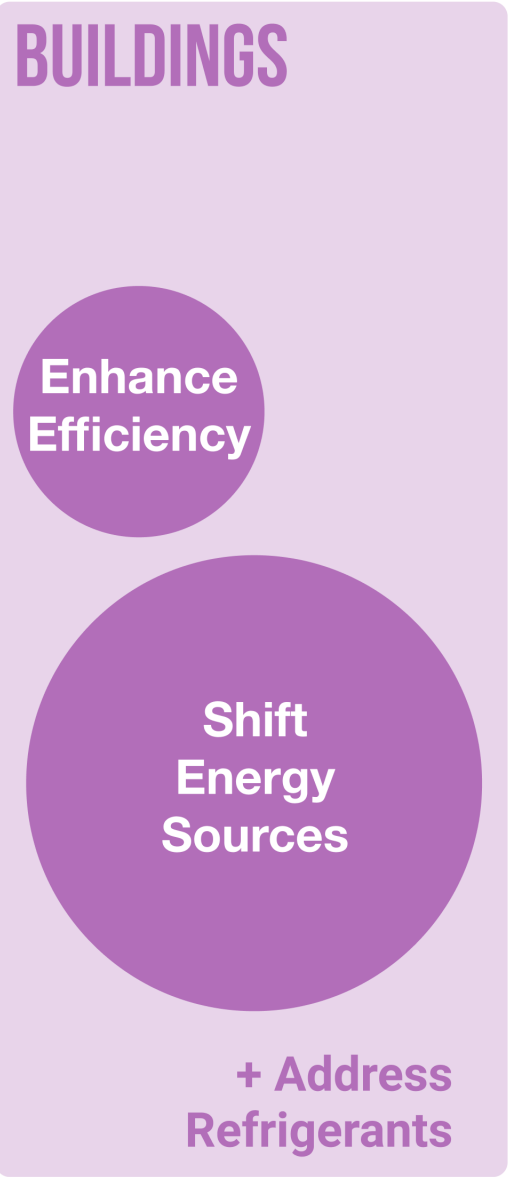
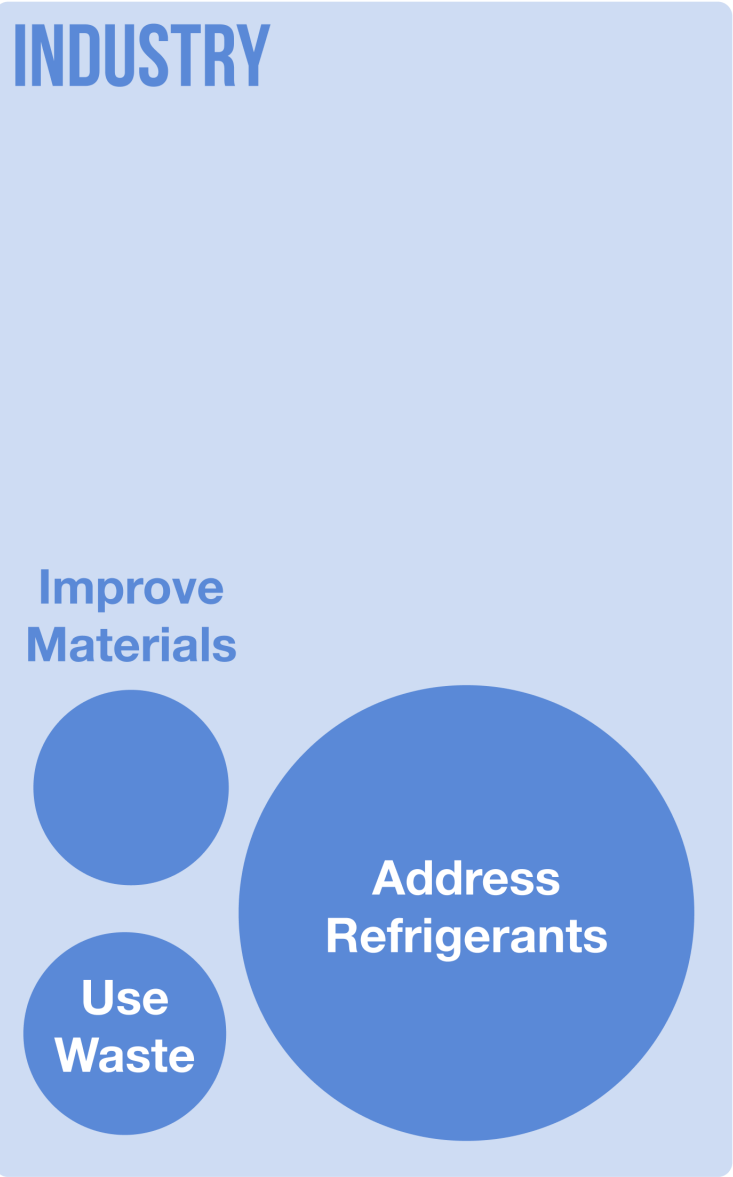
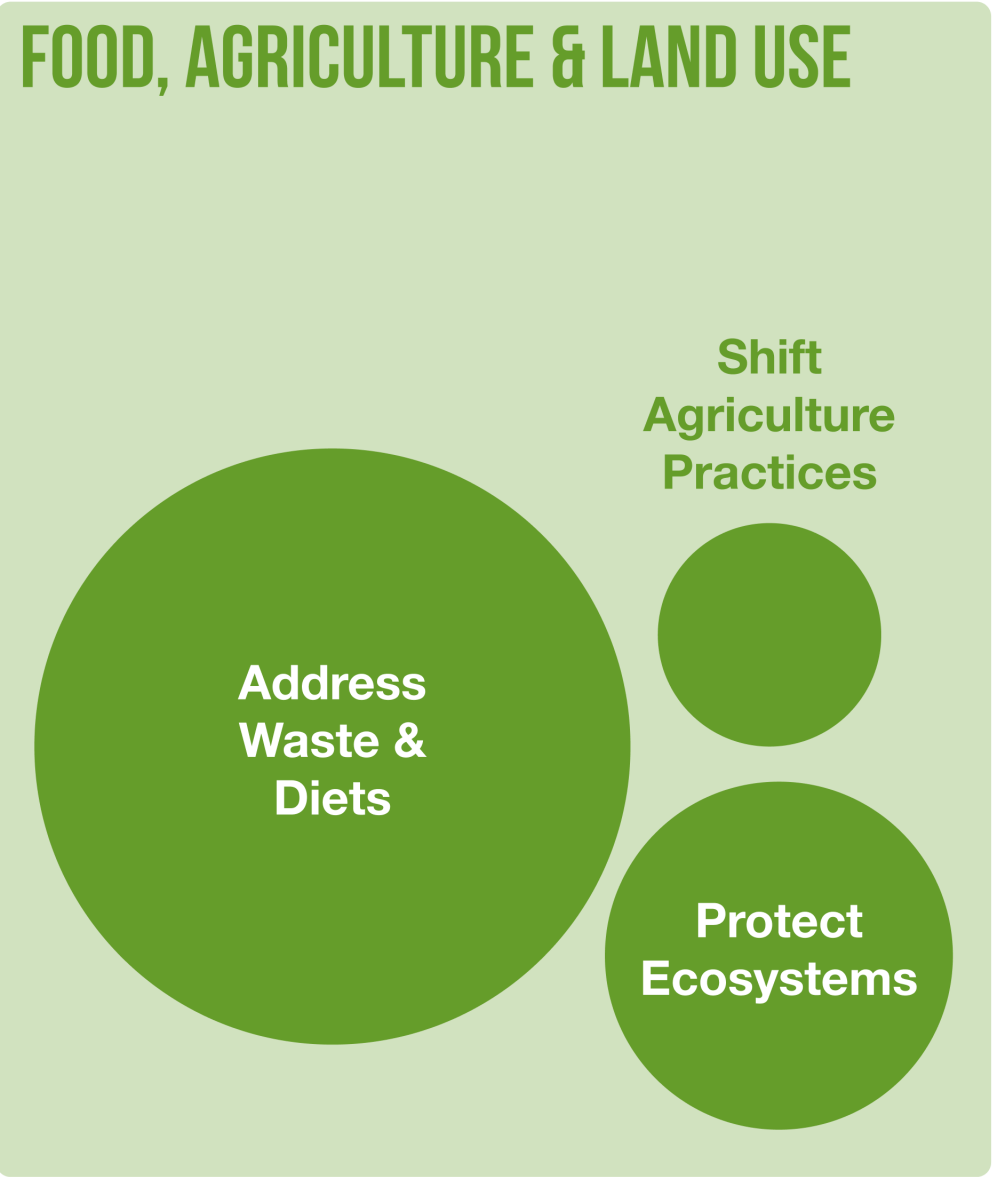
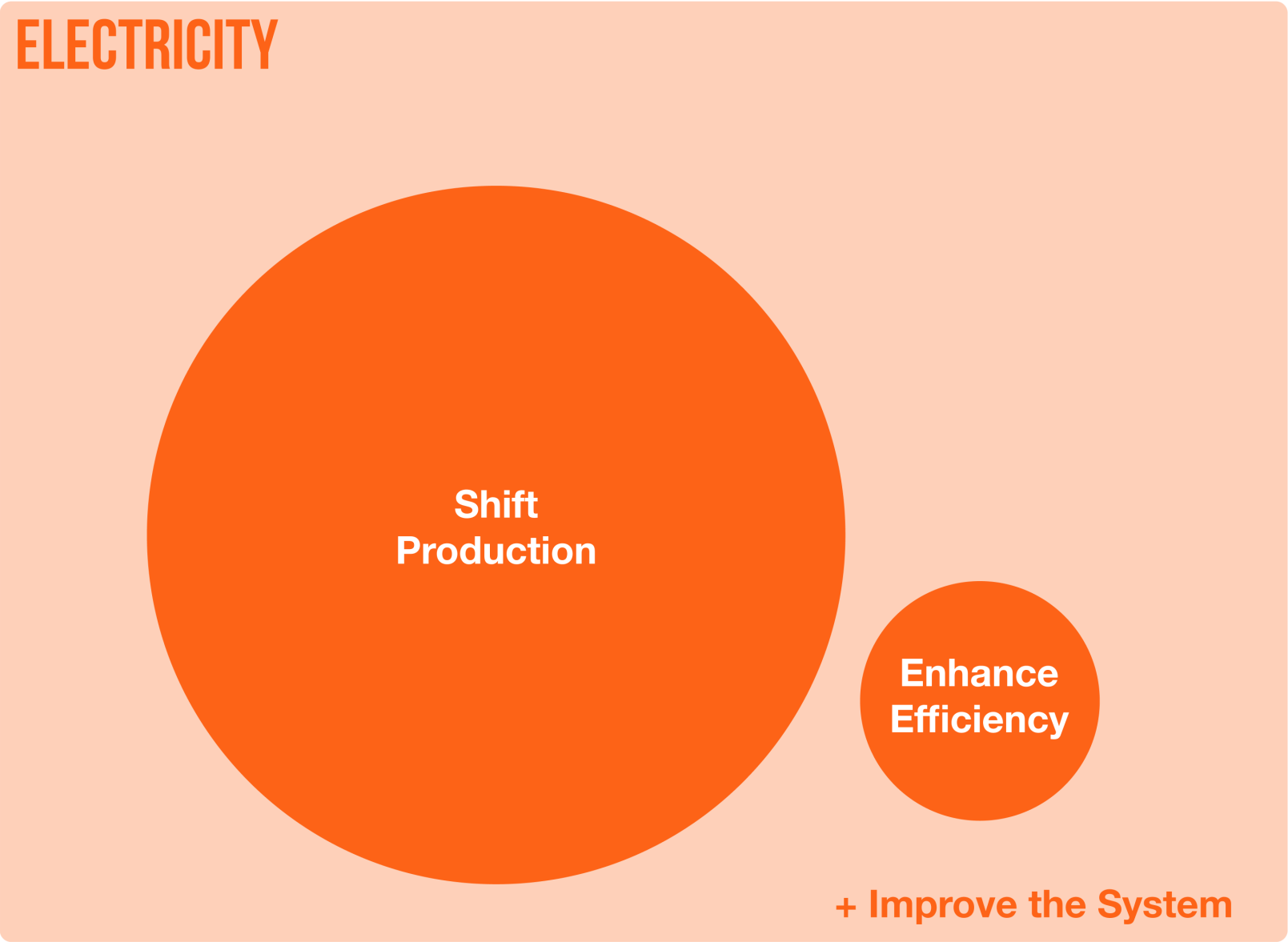


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1. REDUCE SOURCES



2. SUPPORT SINKS



COASTAL & OCEAN SINKS
Protect & Restore Ecosystems

ENGINEERED SINKS
Remove & Store Carbon

3. IMPROVE SOCIETY

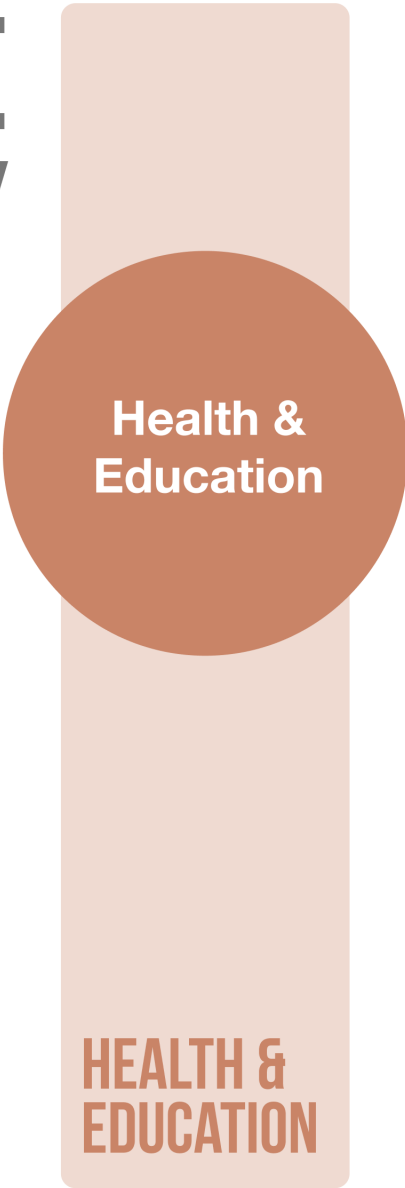




IMAGE: RICHARD SAGREDO









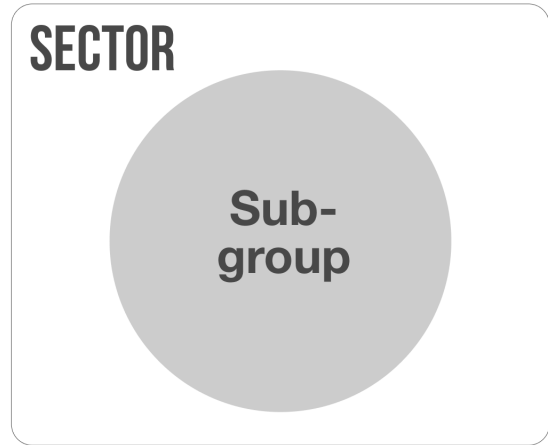




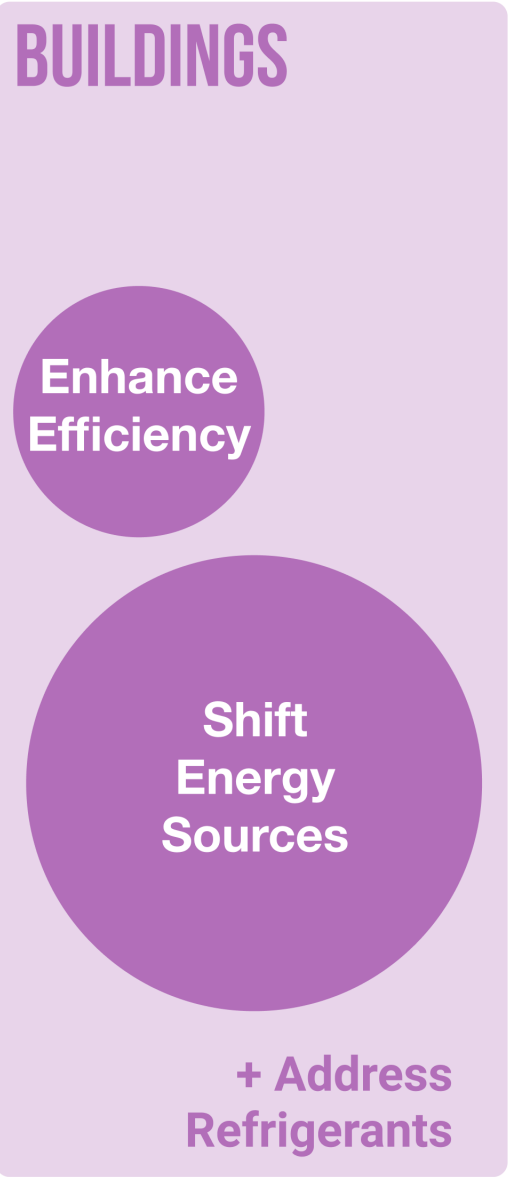
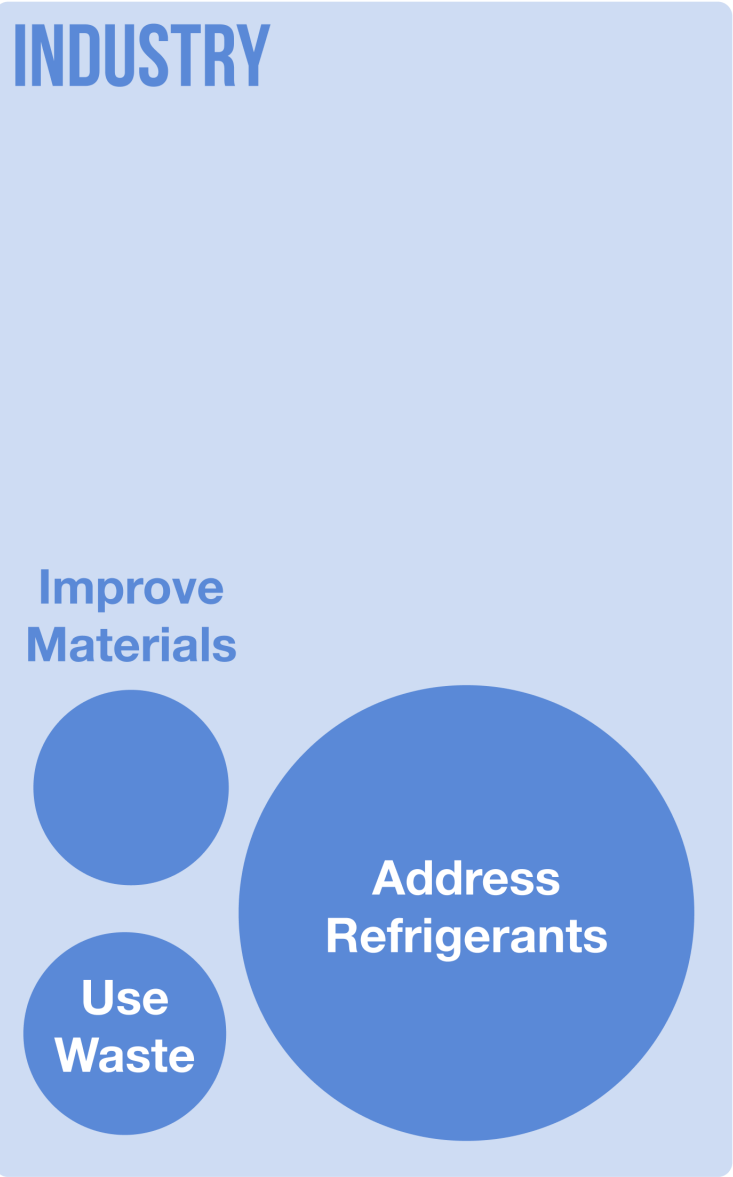
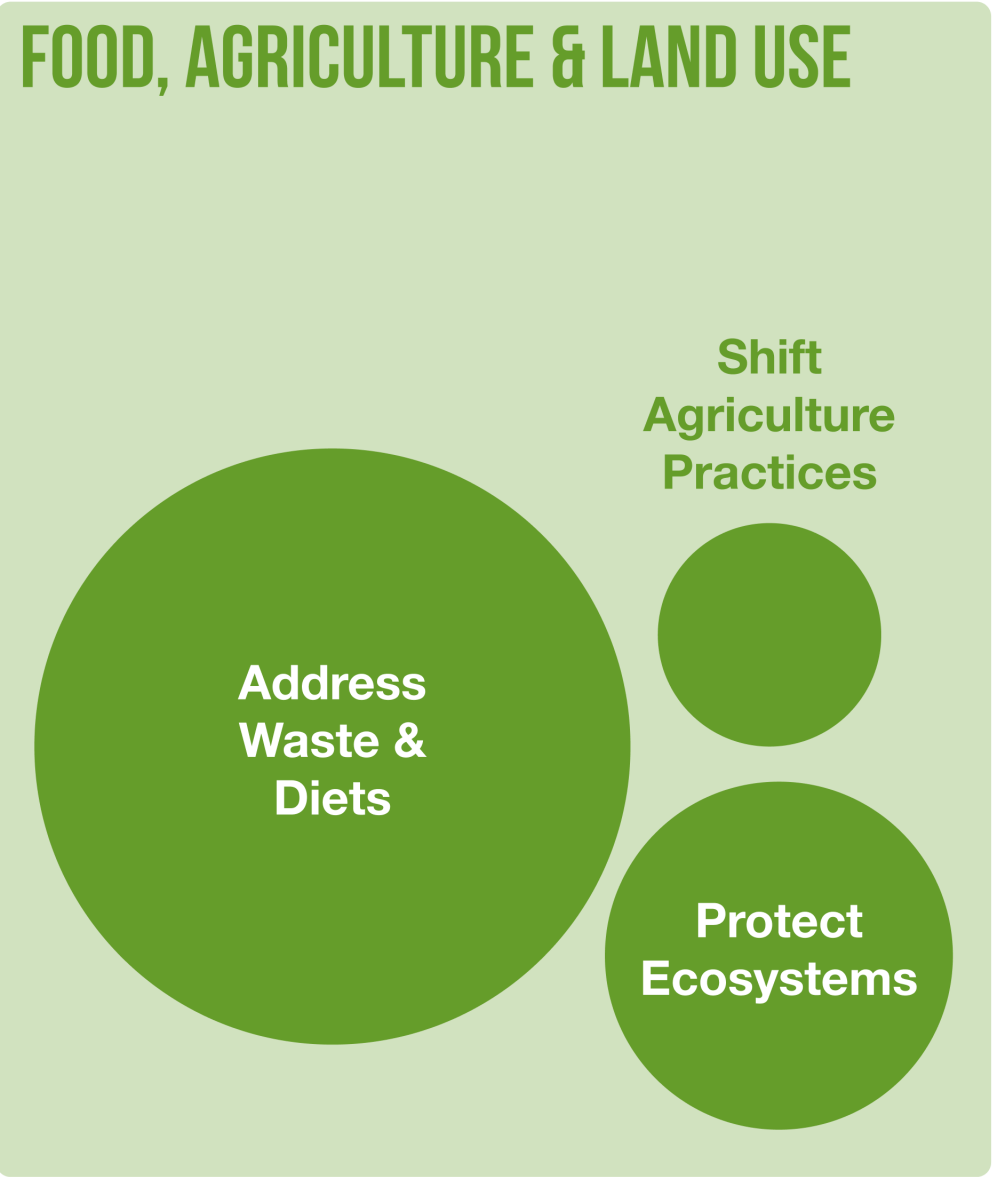
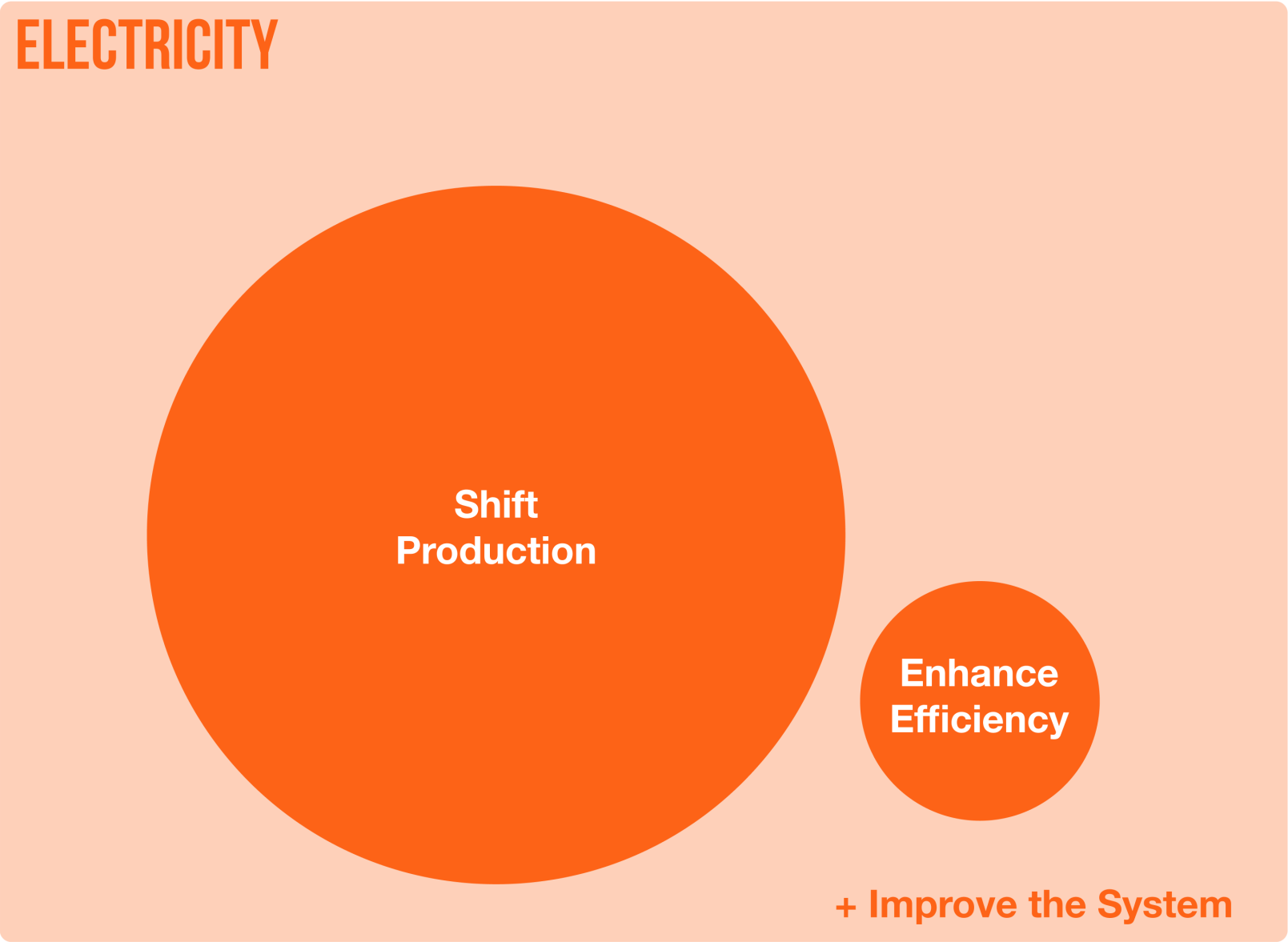


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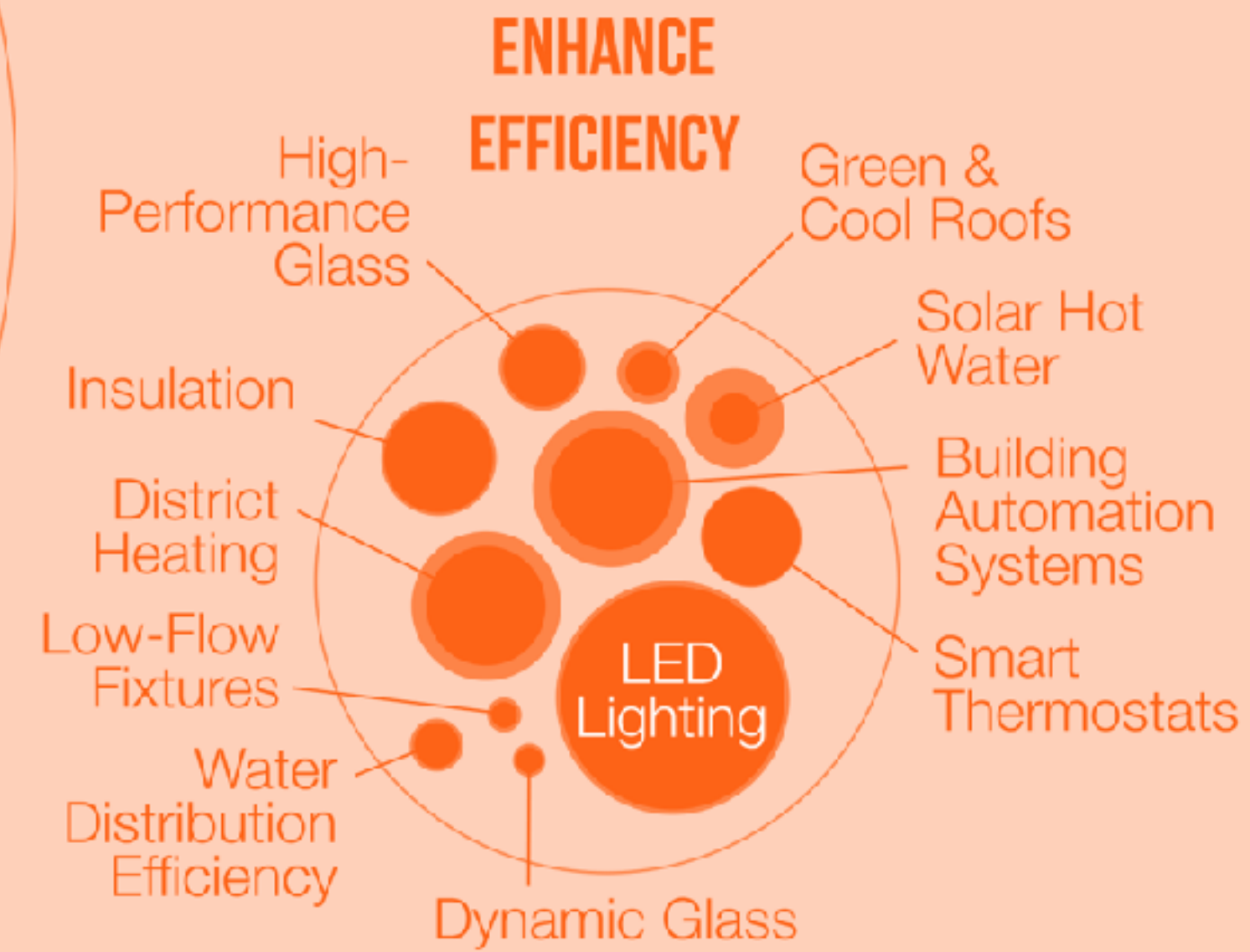
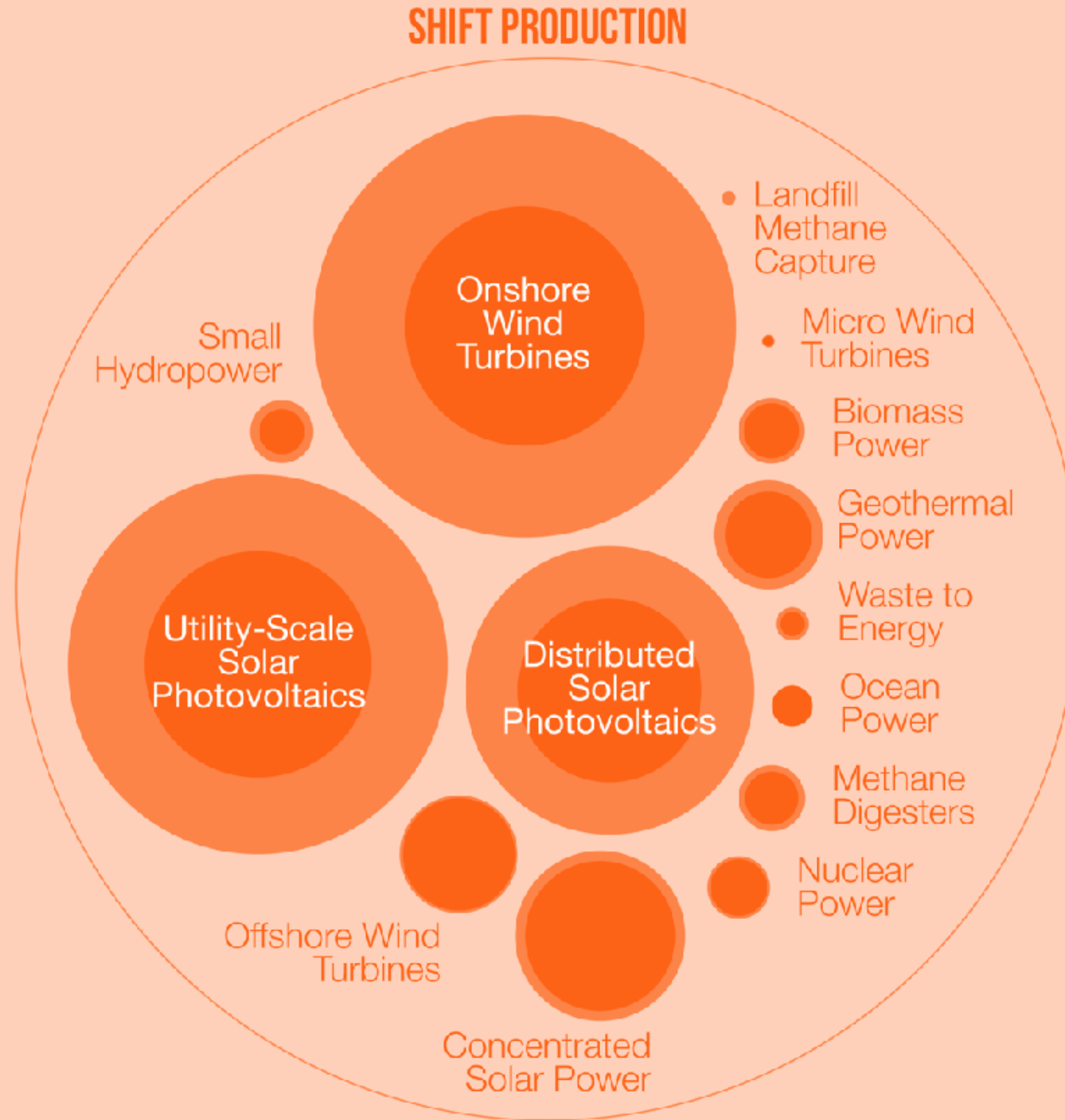




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ELECTRICITY

ELECTRICITY

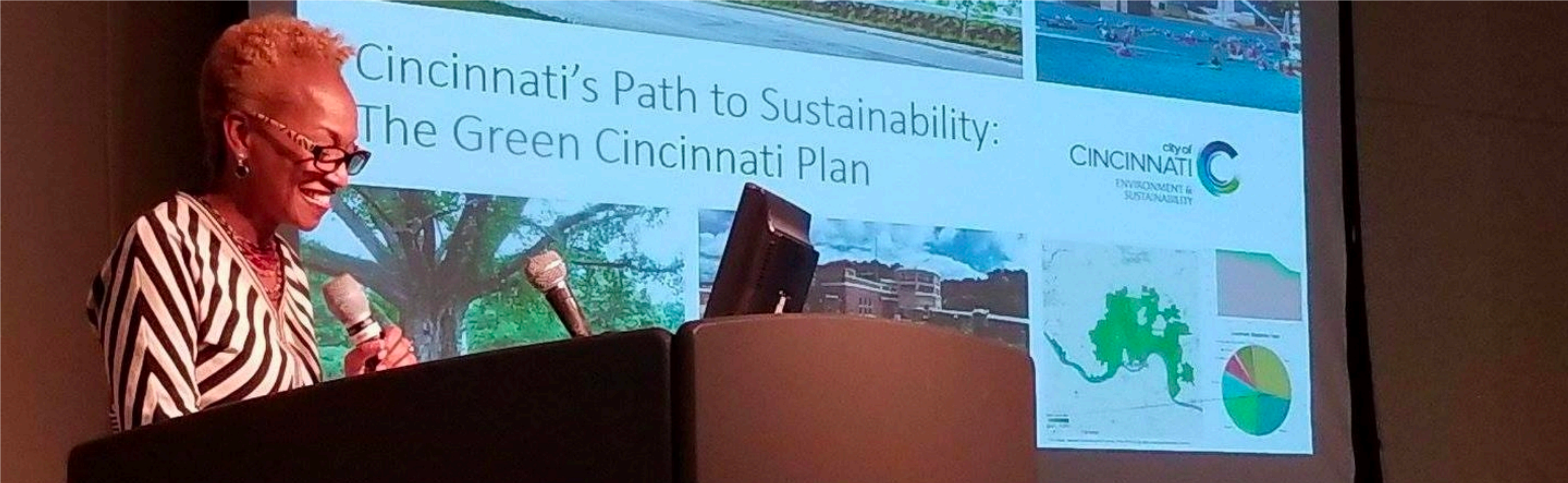


& Improve the System



Green Cincinnati

BUILDING A SUSTAINABLE AND EQUITABLE CITY



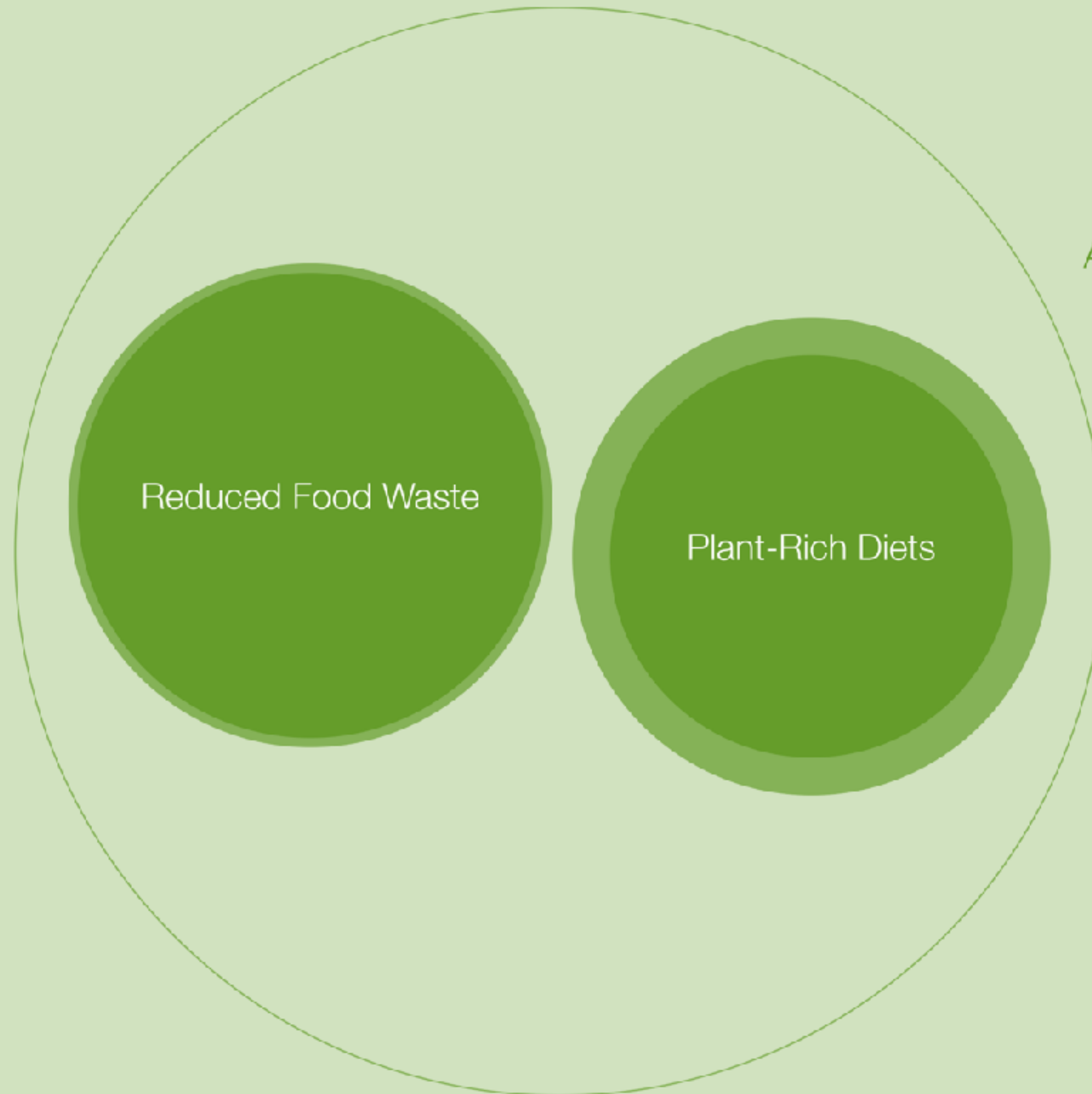




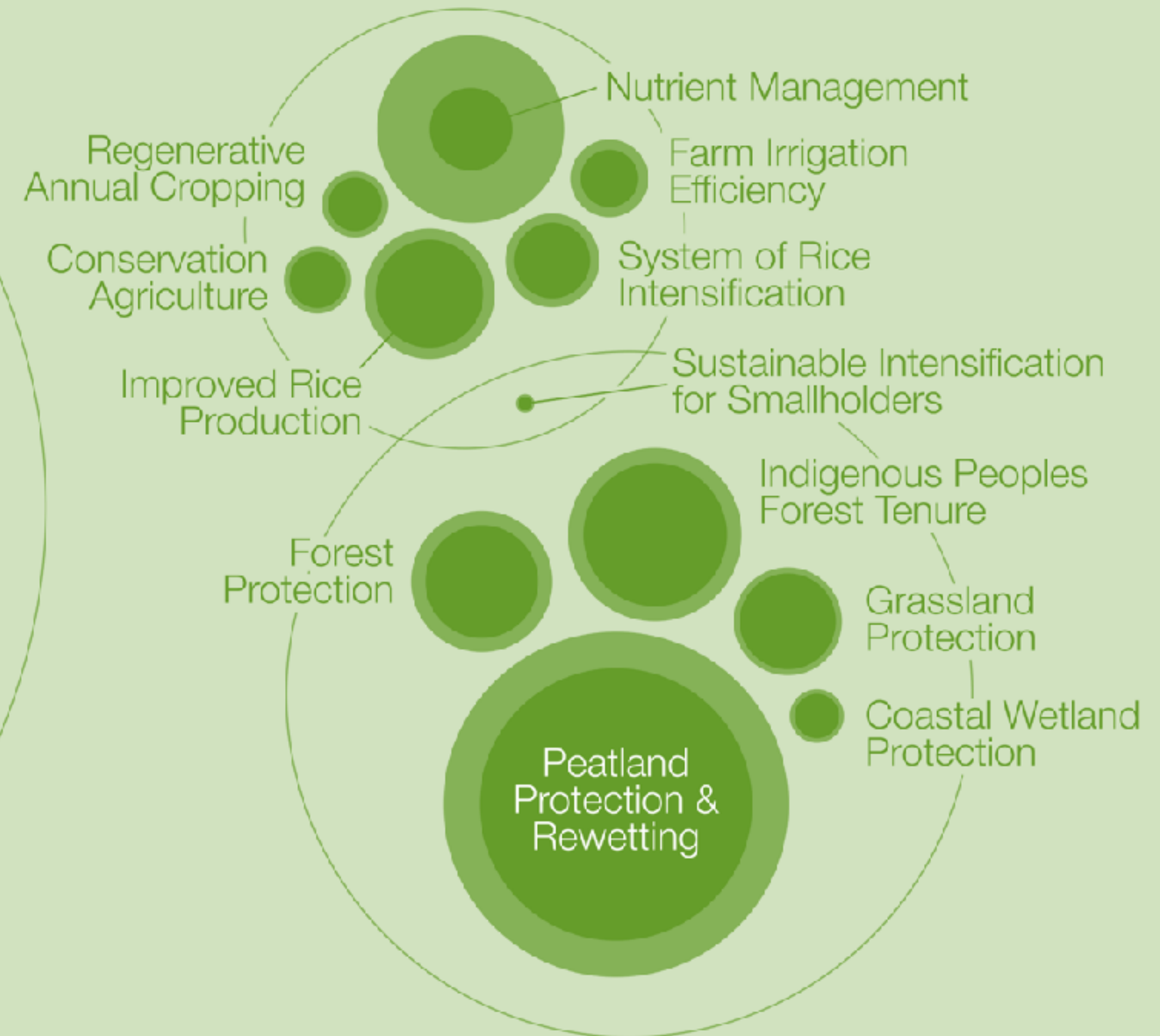
DRAWDOWN

FOOD, AGRICULTURE,
AND LAND USE

ADDRESS WASTE & DIETS



SHIFT AGRICULTURE PRACTICES



PROTECT ECOSYSTEMS

FOOD, AGRICULTURE & LAND USE







BEST IF USED.

40% OF FOOD IN AMERICA IS WASTED

COOK IT, STORE IT, SHARE IT.

SAVETHEFOOD.COM





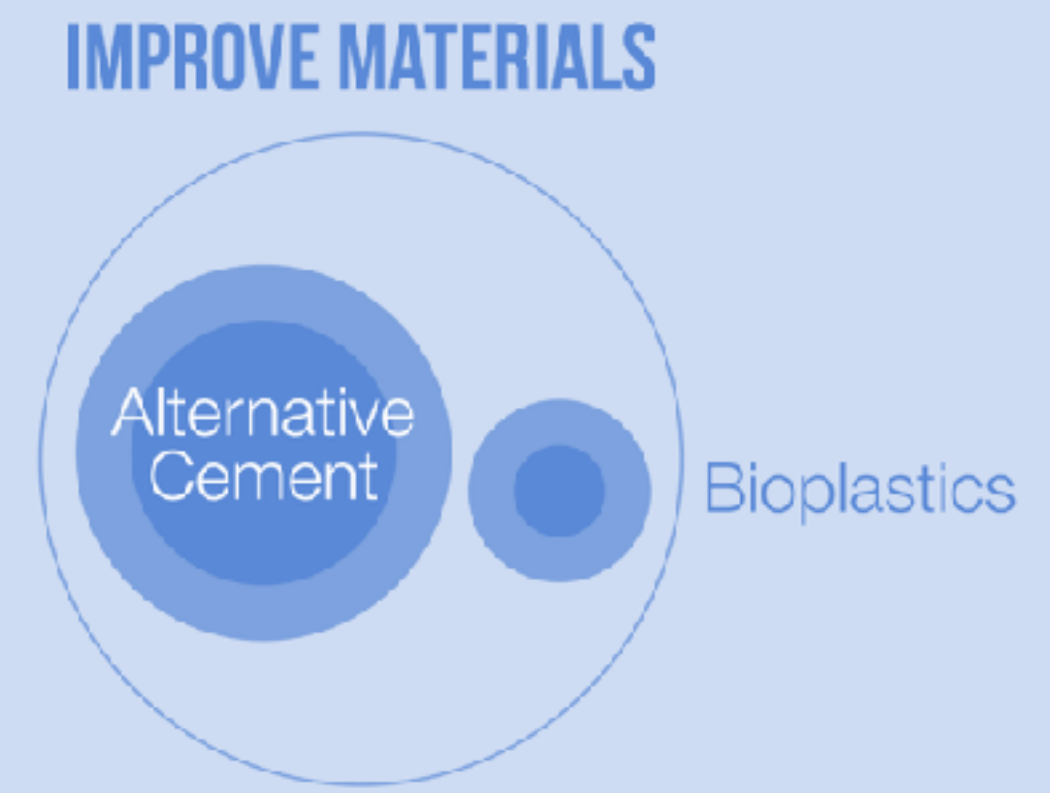
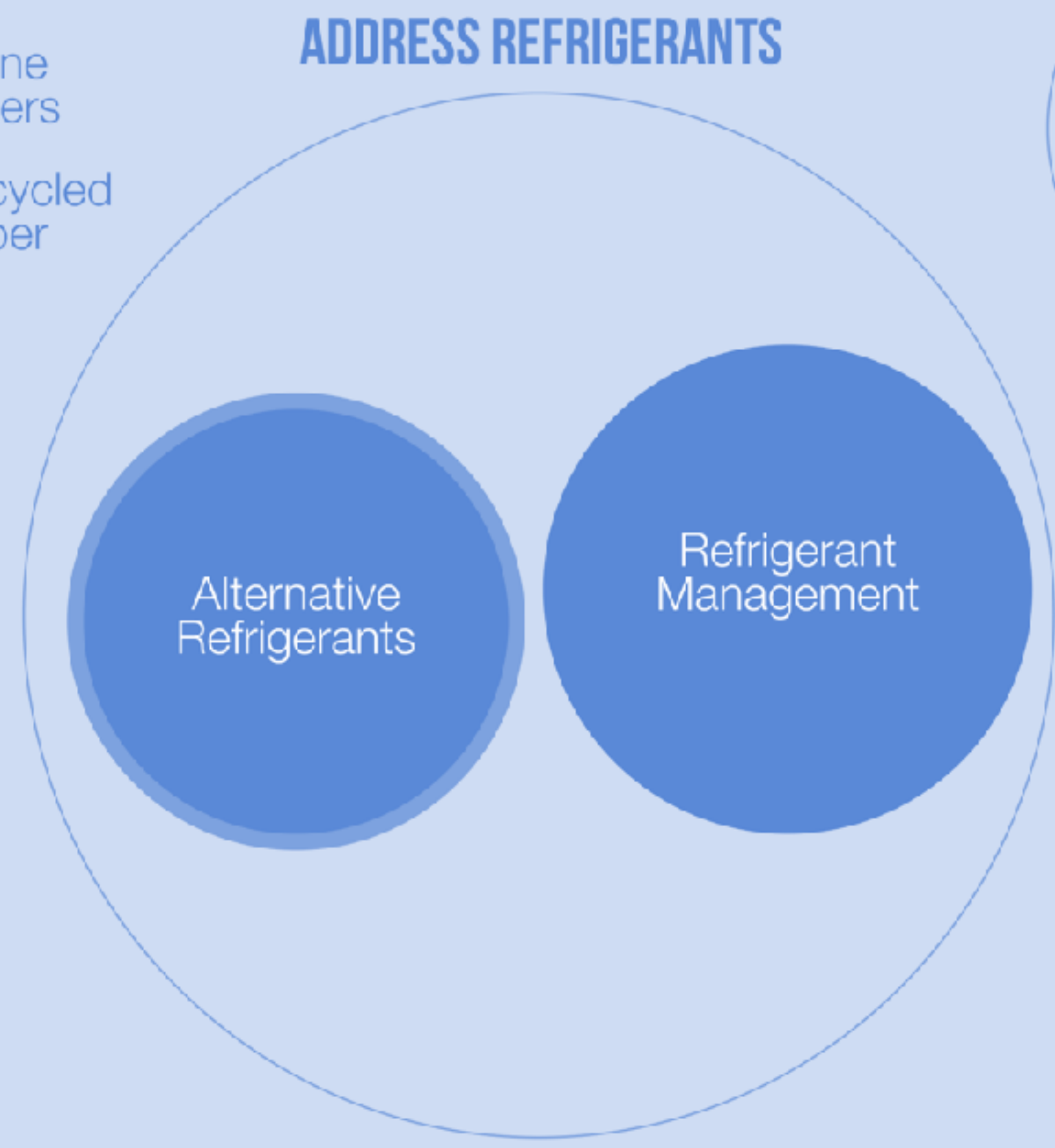
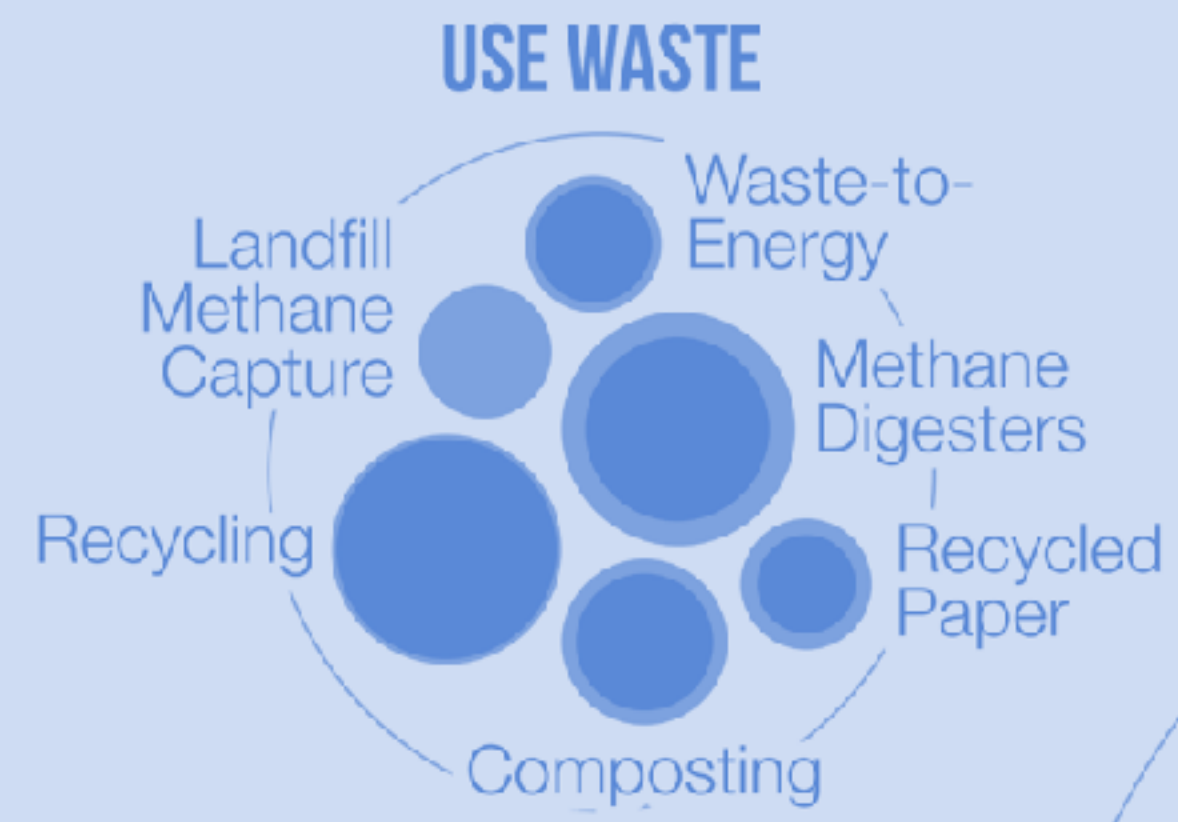
NASHVILLE RESTAURANTS

If you have excess food due to
limited hours or closing, here are
organizations that accept
donations.



DRAWDOWN 2020

INDUSTRY



INDUSTRY



IMAGE: GABRIEL BANKIER PLOTKIN



IMAGE: GABRIEL BANKIER PLOTKIN

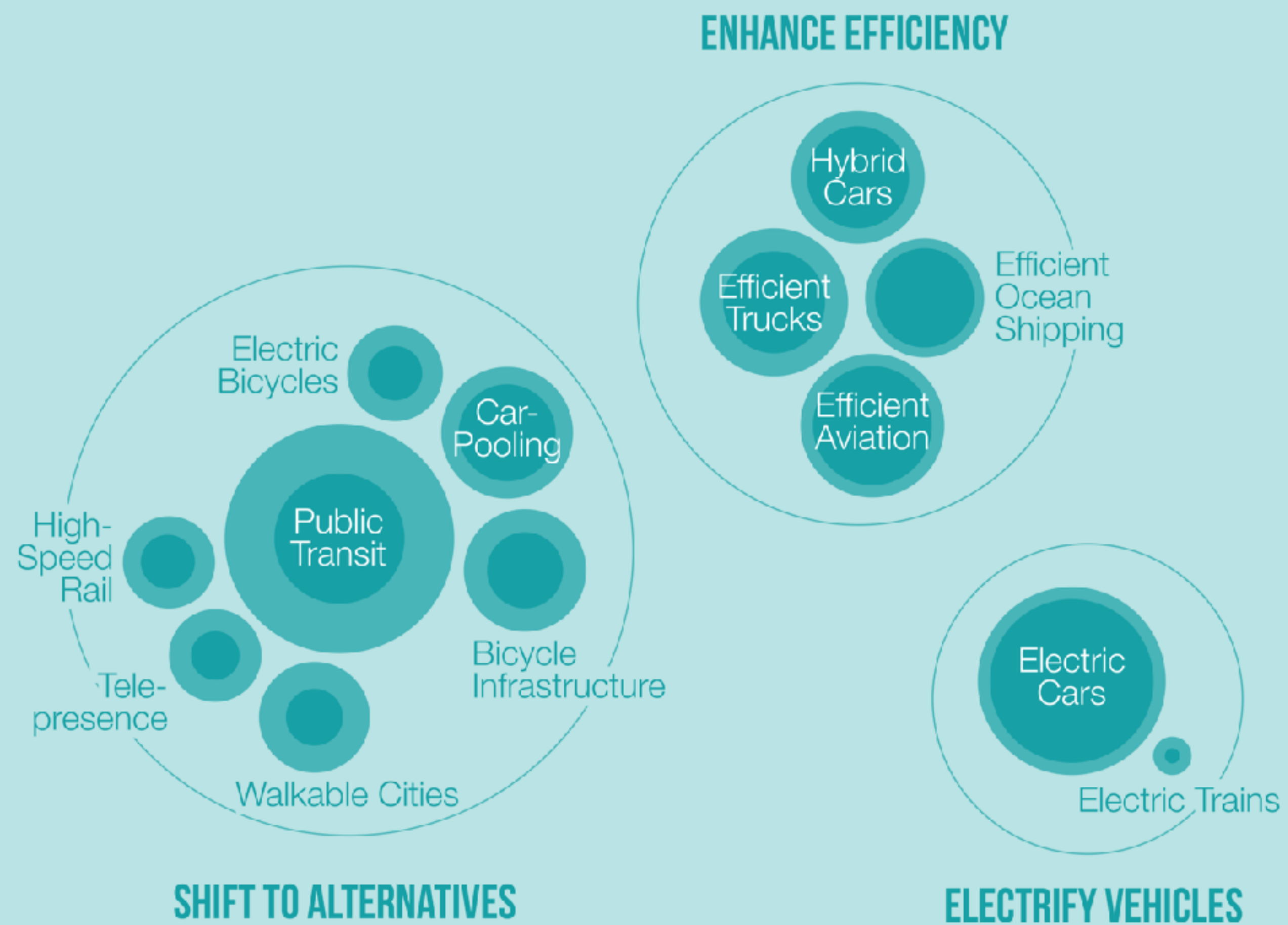


IMAGE: GABRIEL BANKIER PLOTKIN



TRANSPORTATION

DRAWDOWN 2020



TRANSPORTATION



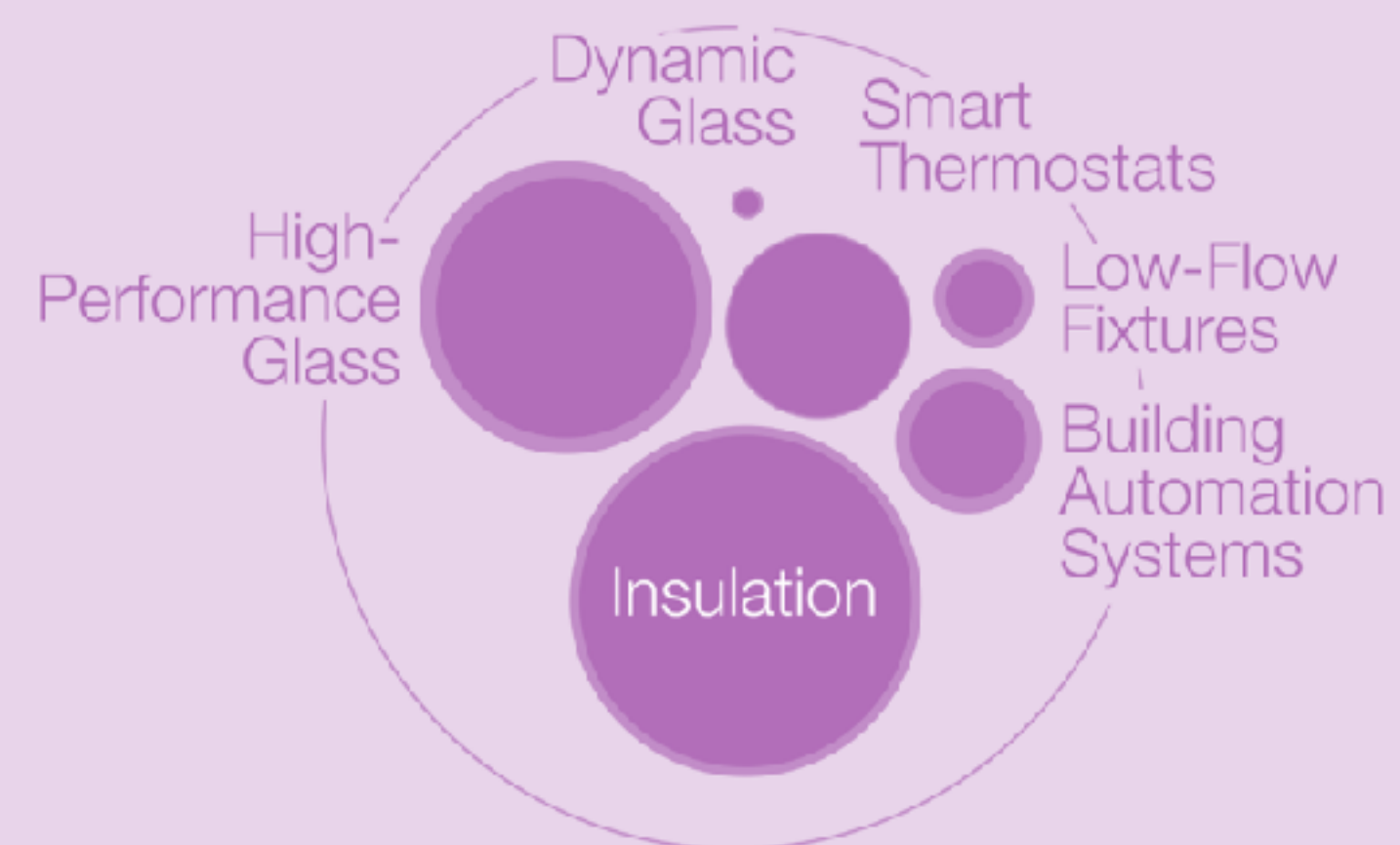
IMAGE: NADIR ALI



BUILDINGS

DRAWDOWN 2020

ENHANCE EFFICIENCY



SHIFT ENERGY SOURCES



BUILDINGS

& Address Refrigerants



IMAGE: STEPHEN YANG / THE SOLUTIONS PROJECT



99

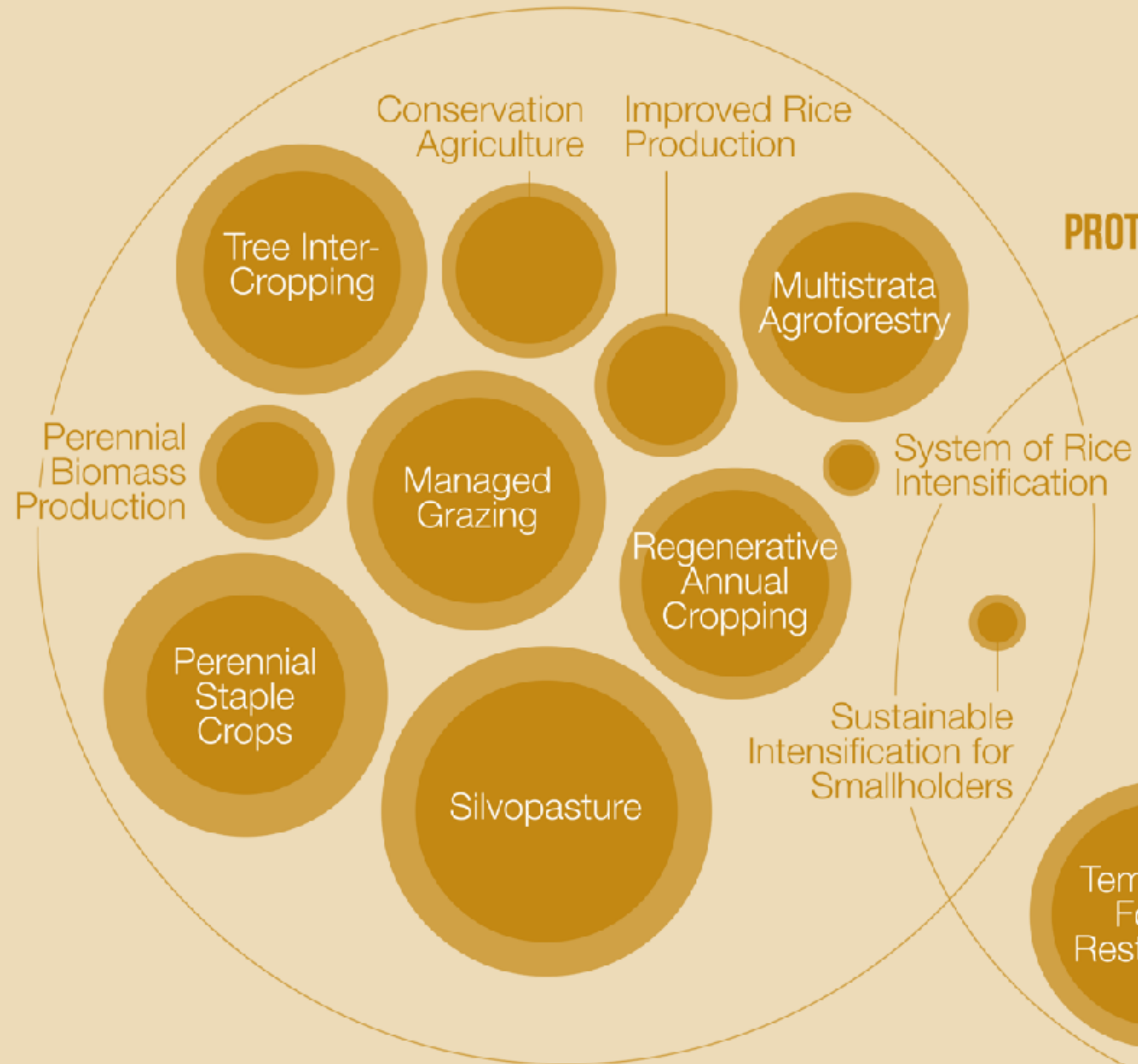
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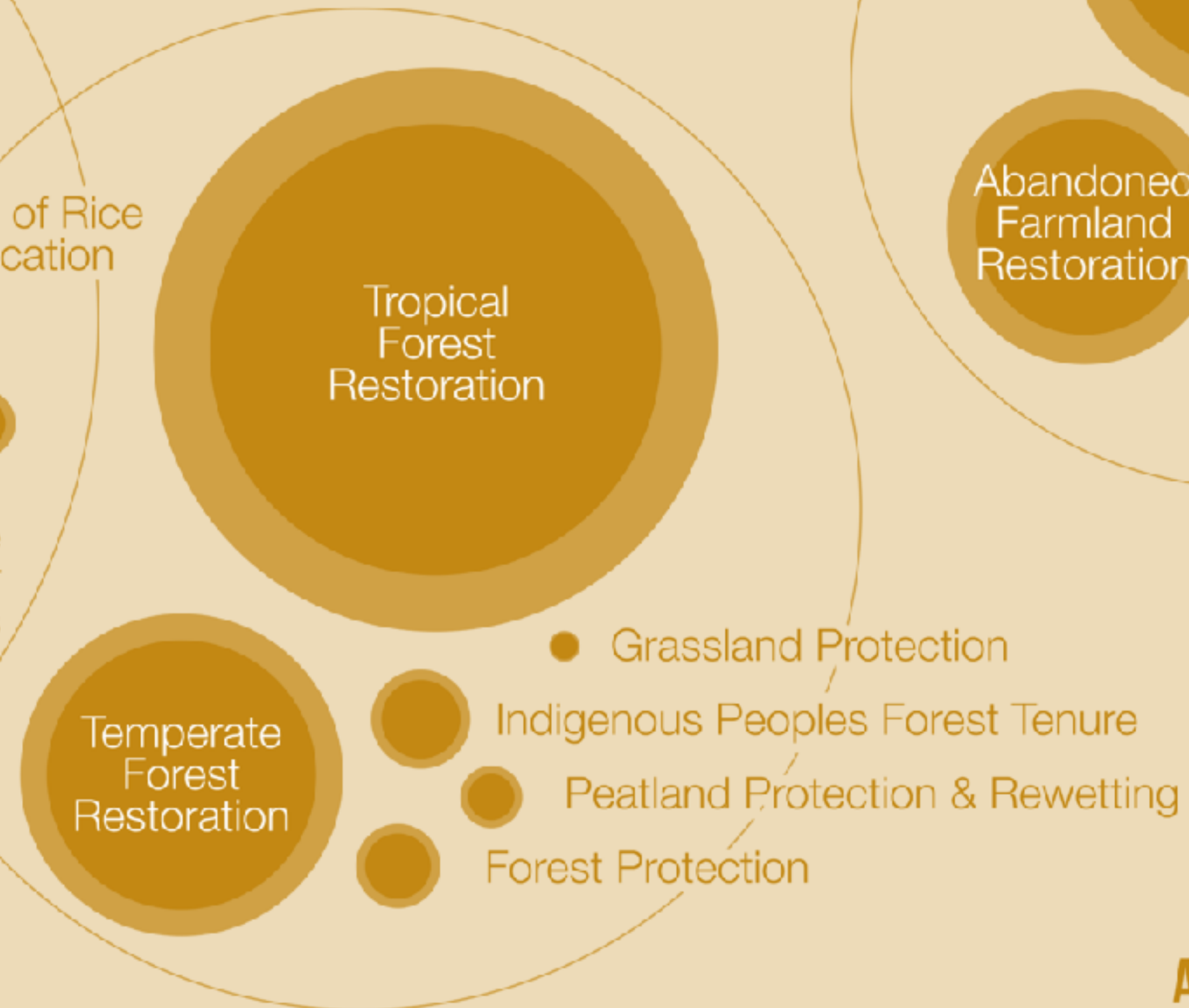
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LAND SINKS

SHIFT AGRICULTURE PRACTICES



PROTECT & RESTORE ECOSYSTEMS



USE DEGRADED LAND



ADDRESS WASTE & DIETS

LAND SINKS





IMAGE: KAYLINN GILSTRAPP



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**COASTAL AND
OCEAN SINKS**

PROTECT & RESTORE ECOSYSTEMS



COASTAL & OCEAN SINKS









HEALTH AND EDUCATION

DRAWDOWN 2020

HEALTH & EDUCATION



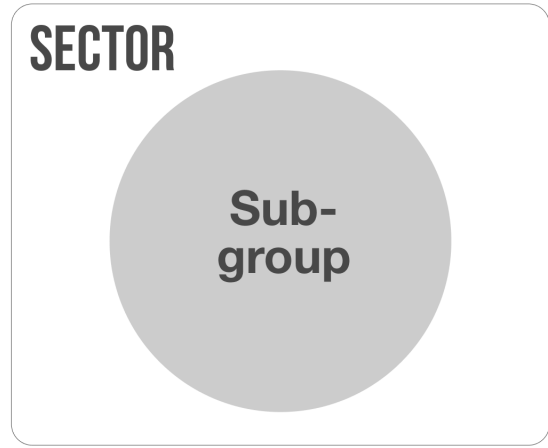
SOCIETY



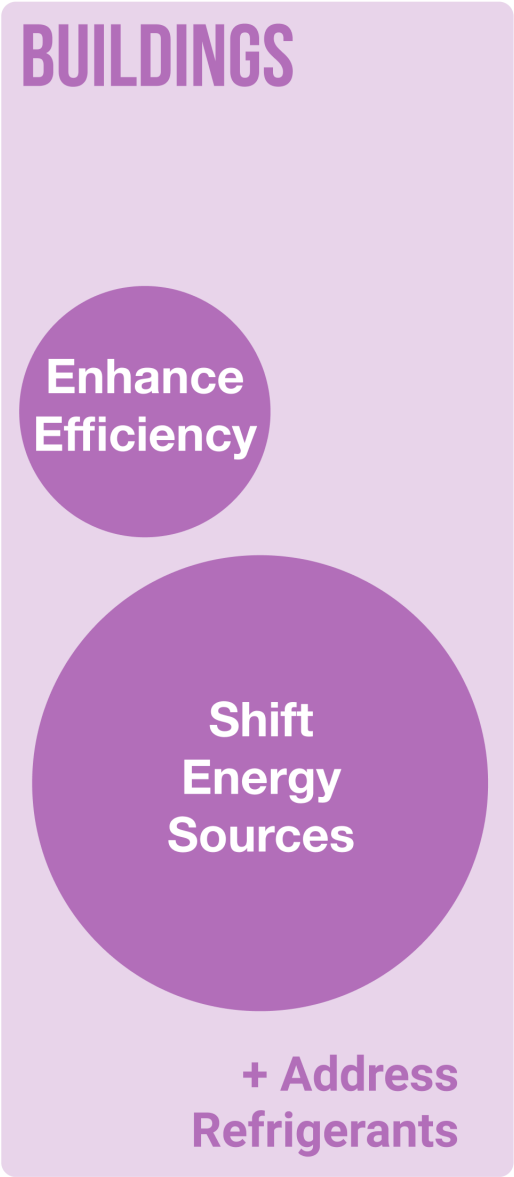
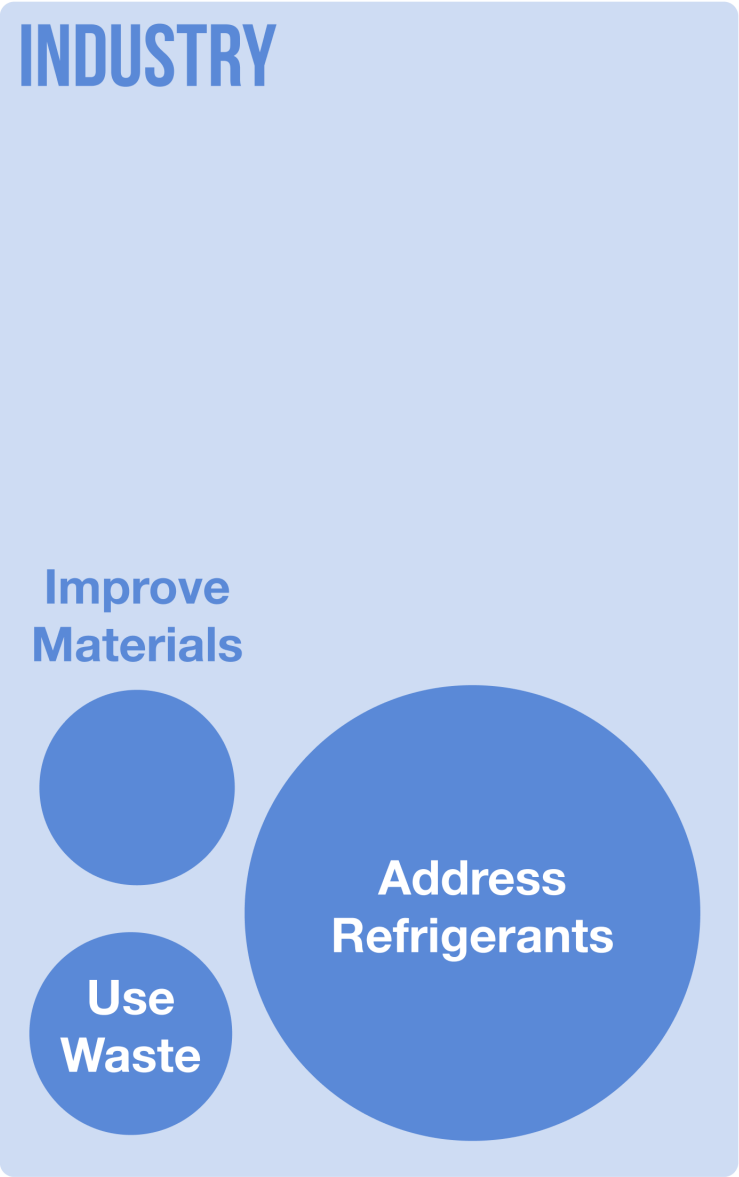
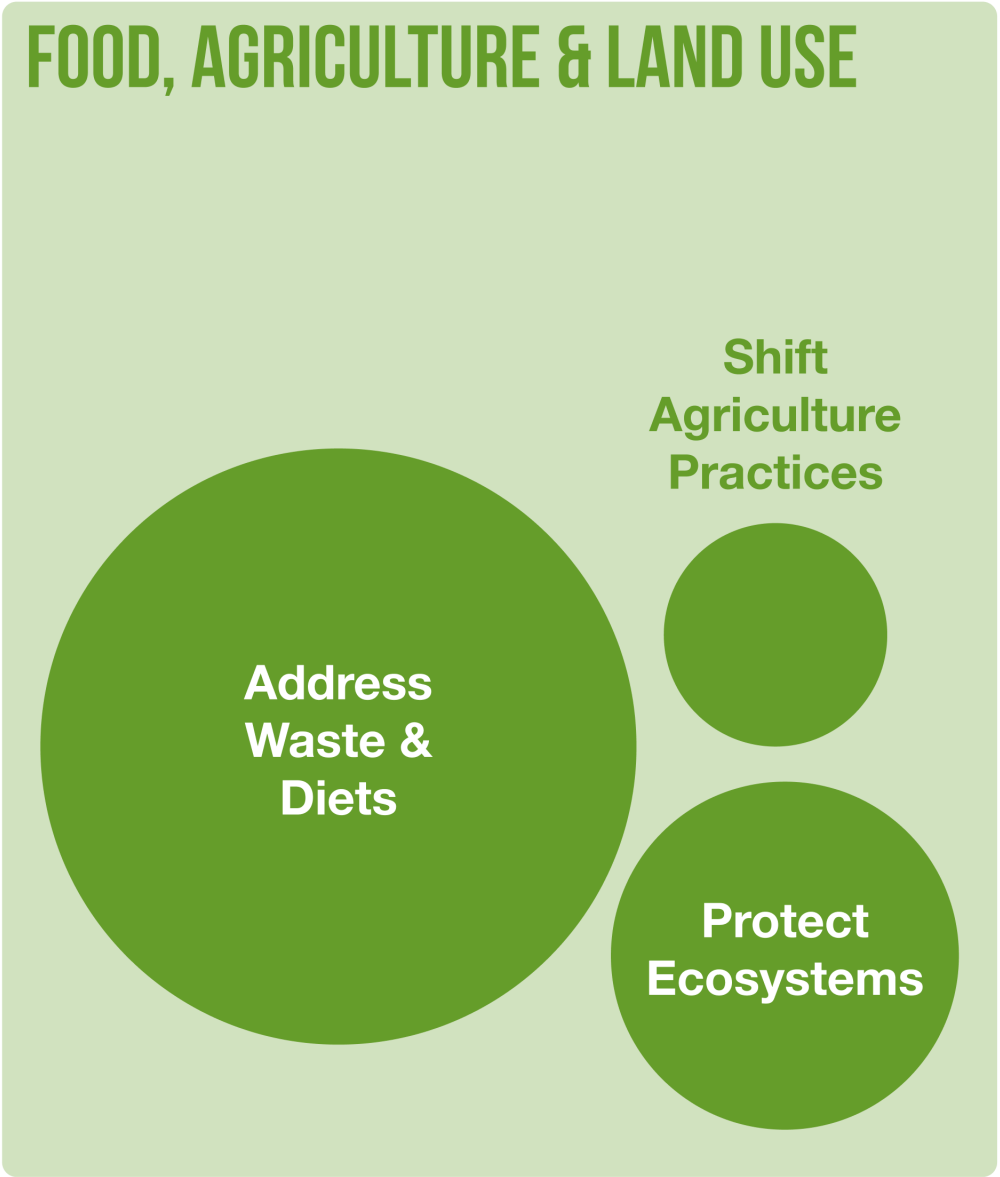
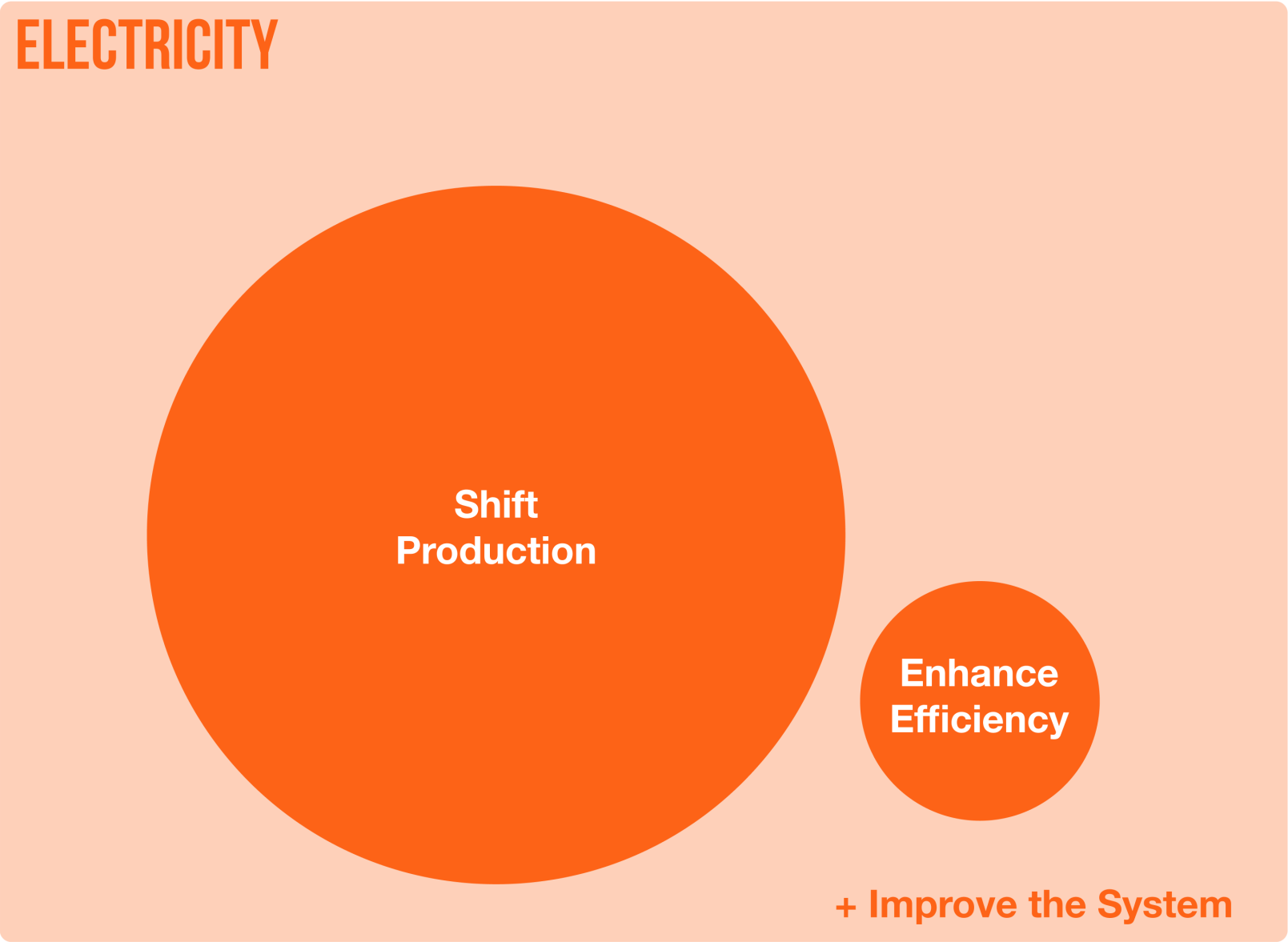


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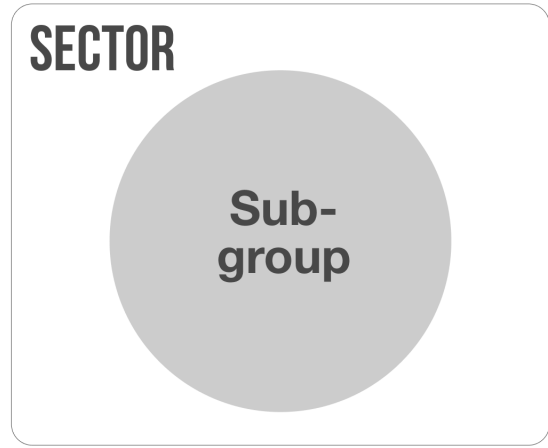


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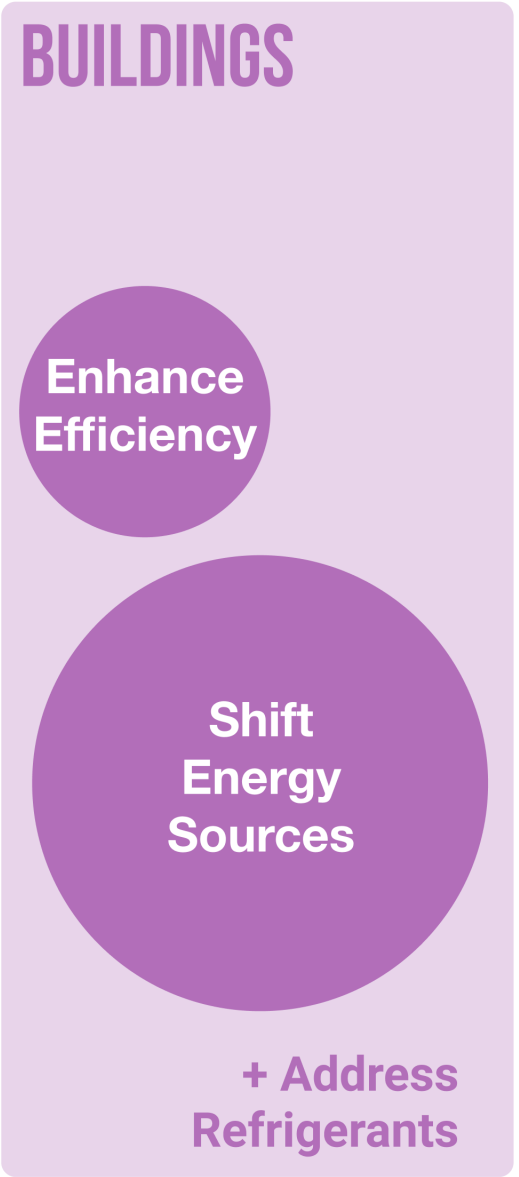
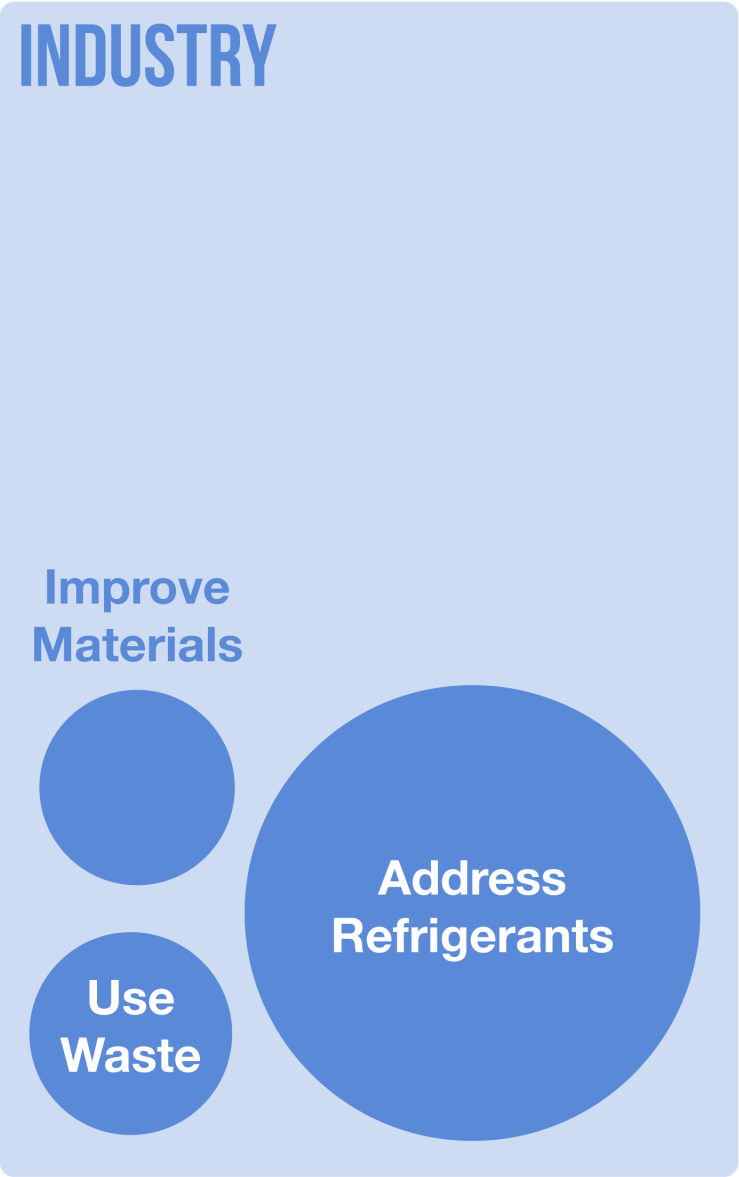
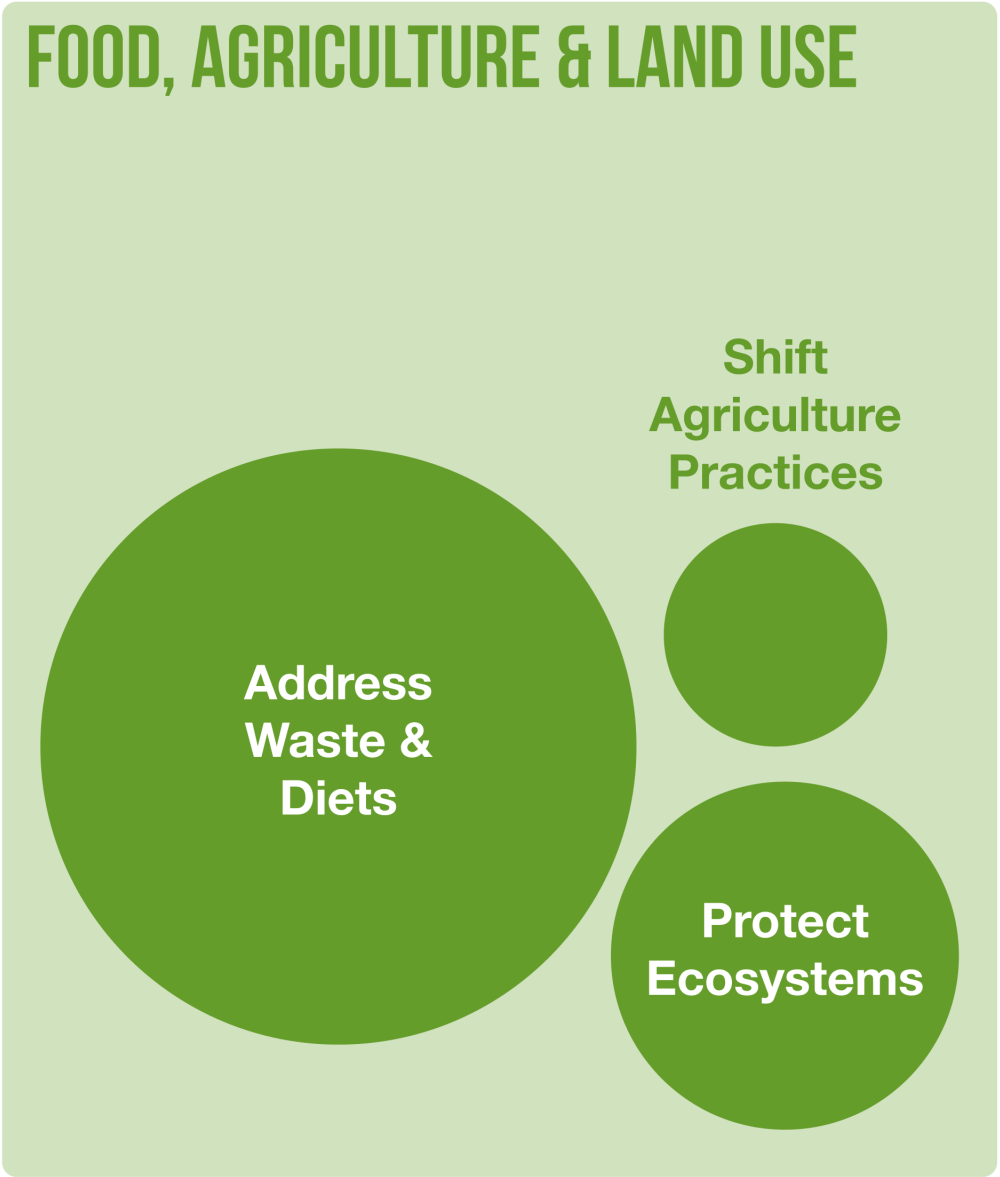
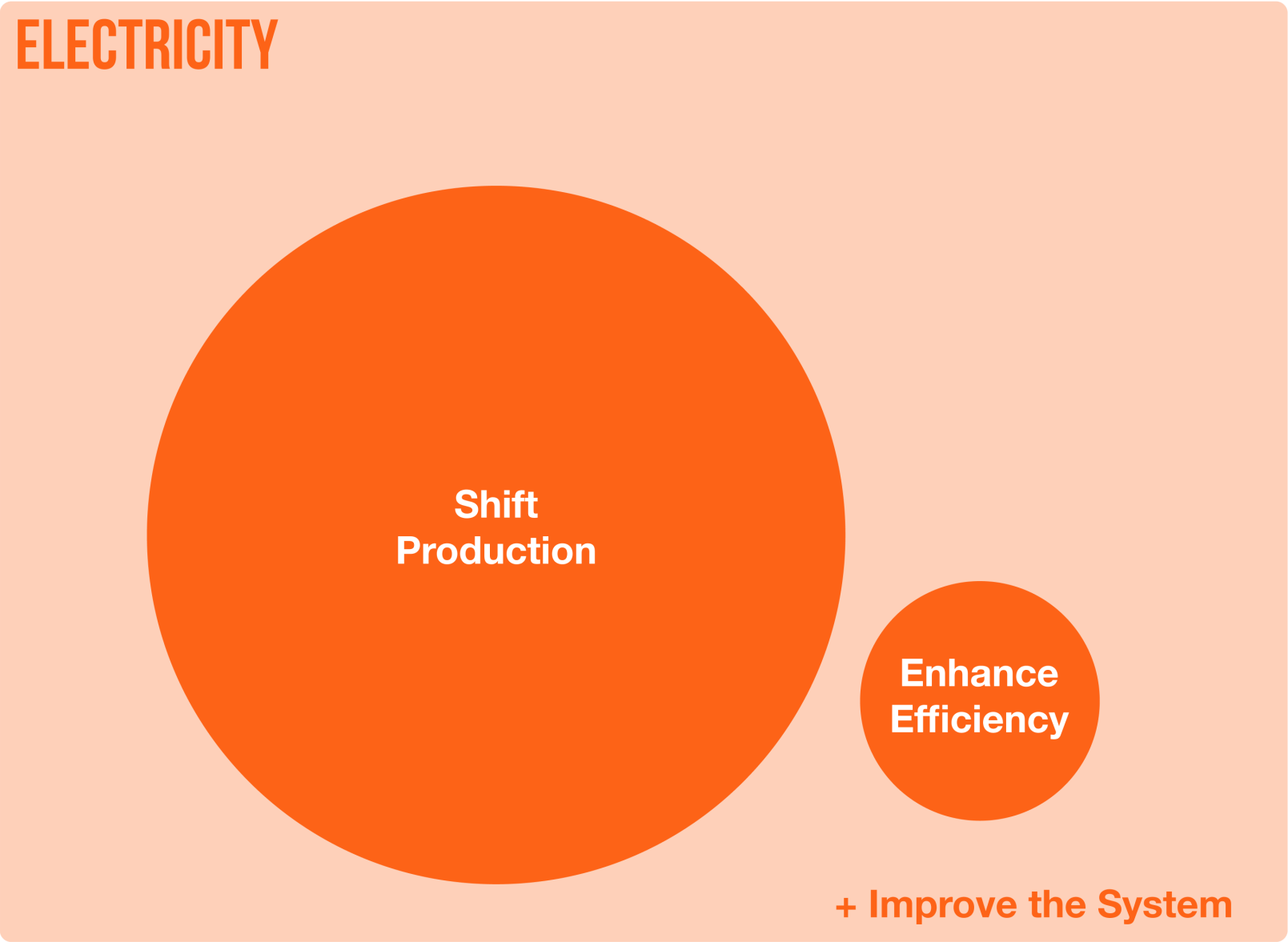
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2. SUPPORT SINKS

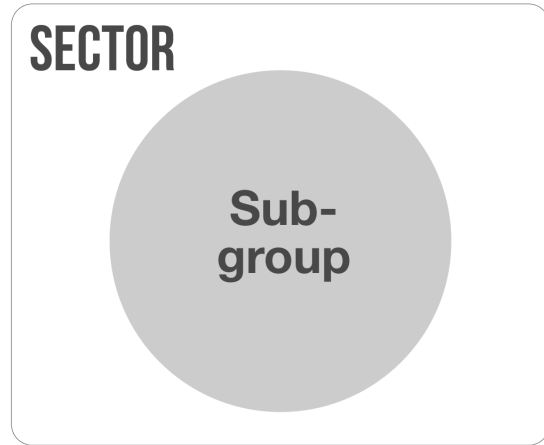


COASTAL & OCEAN SINKS
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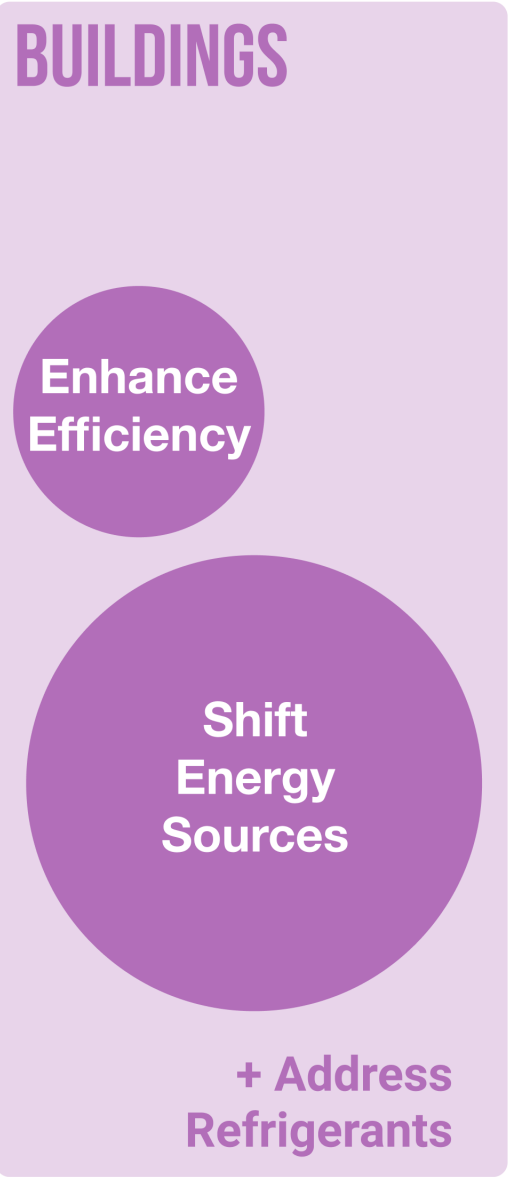
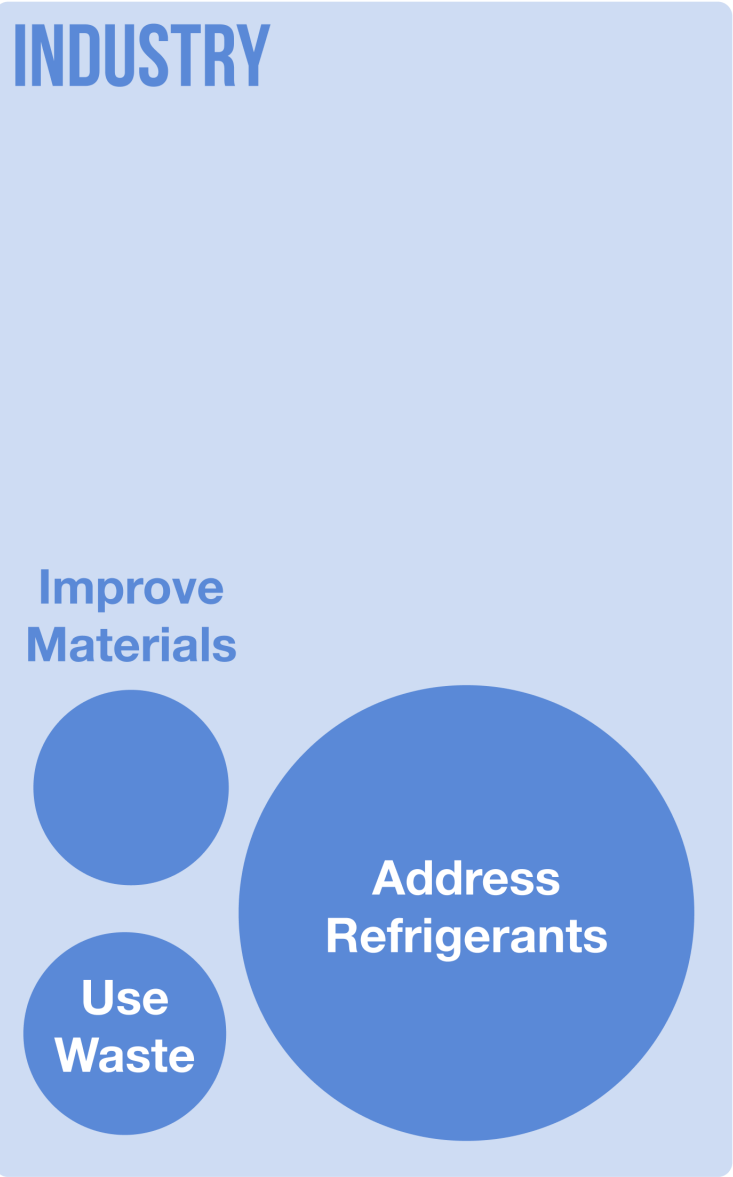
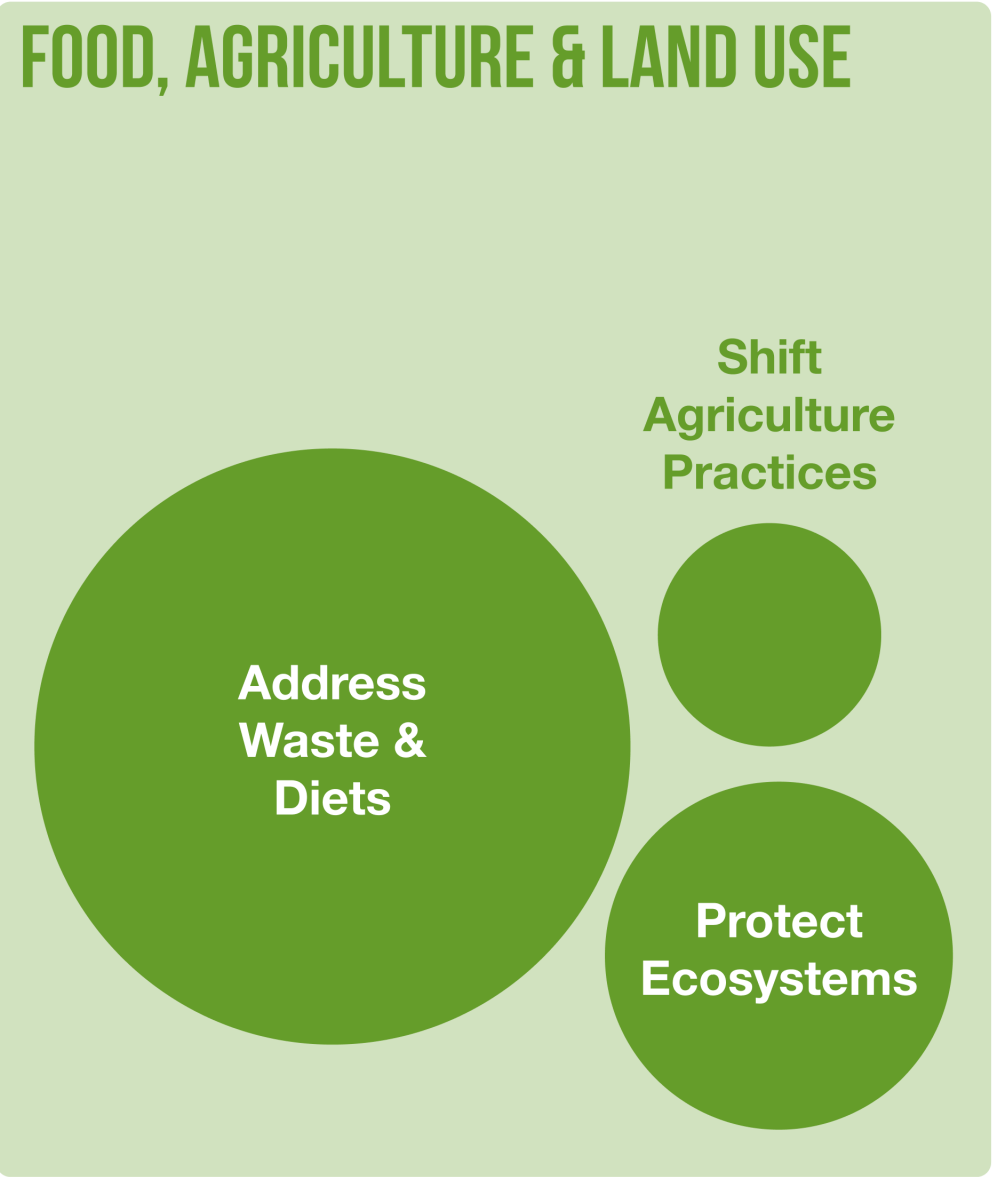
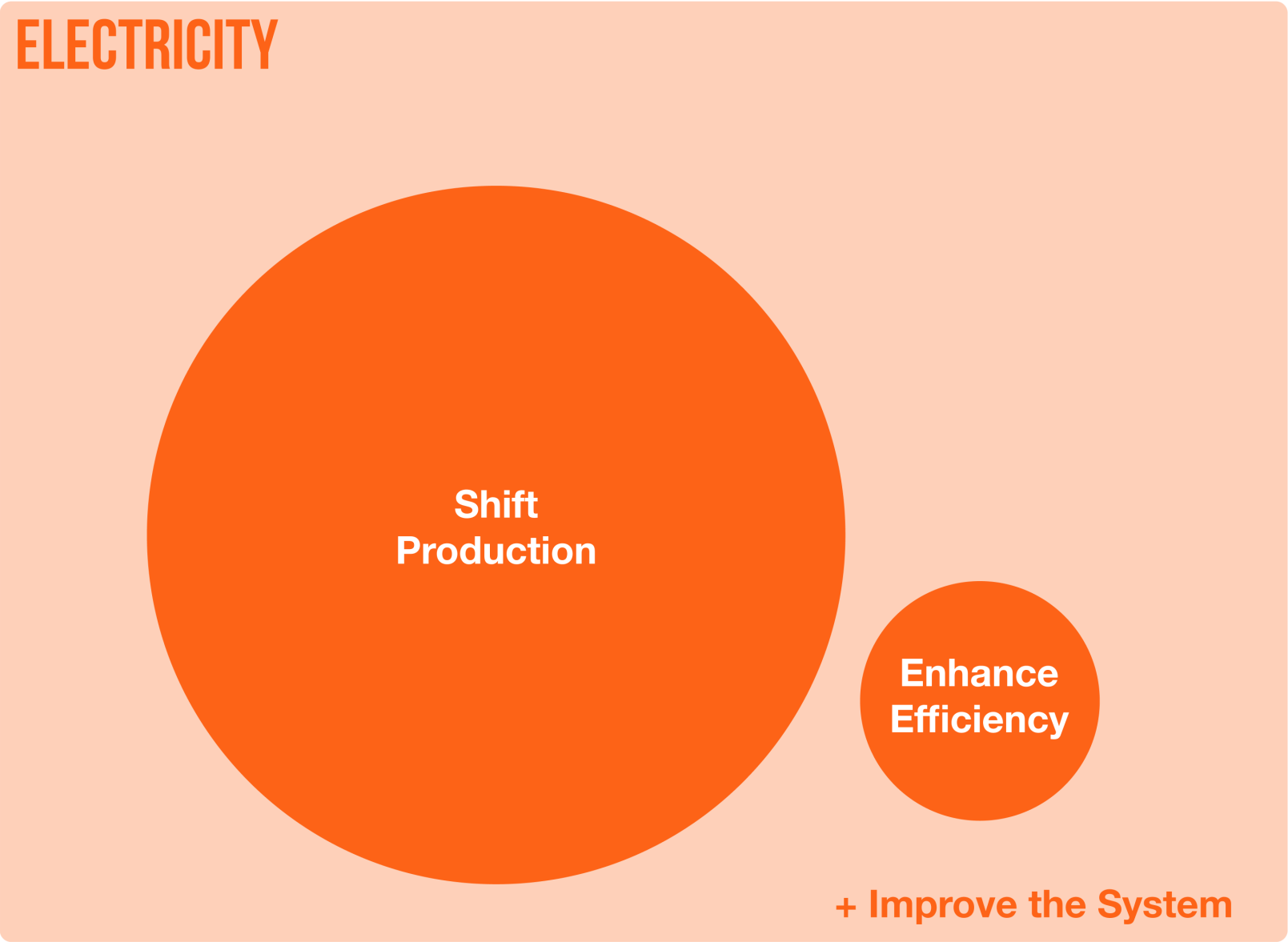
ENGINEERED SINKS
Remove & Store Carbon

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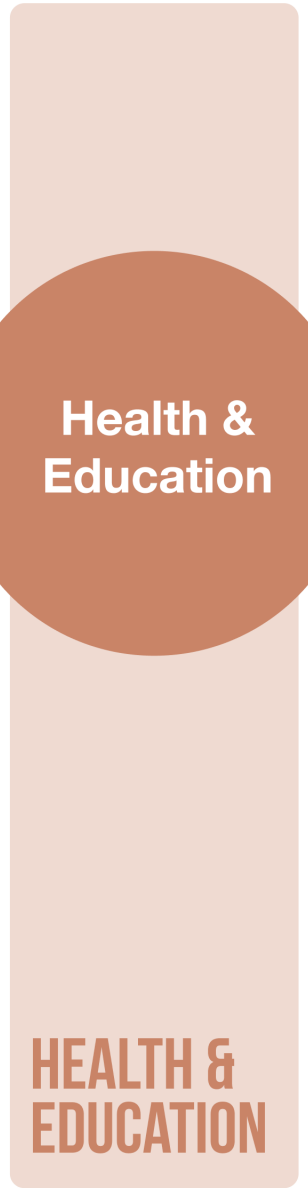
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Protect & Restore Ecosystems

ENGINEERED SINKS
Remove & Store Carbon

3. IMPROVE SOCIETY





**WHAT COMES TO MIND WHEN YOU
THINK OF CLIMATE CHANGE AND
GLOBAL WARMING?**



WE NEED “ACCELERATORS”

RULES - CHANGE LAWS, REGULATIONS, TAXES, INCENTIVES

CAPITAL - SHIFT INVESTMENT, PHILANTHROPY

BUSINESS PRACTICES - RENEW GOALS, STANDARDS

TECHNOLOGY - FOCUSED INNOVATION, RESEARCH & DEVELOPMENT

BEHAVIOR - SHIFT NORMS, CULTURE











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